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MFS-25001

2025 Molecular Diagnostics

FISH Product Catalog

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#01

OliGlow™ and QuickFISH Technology

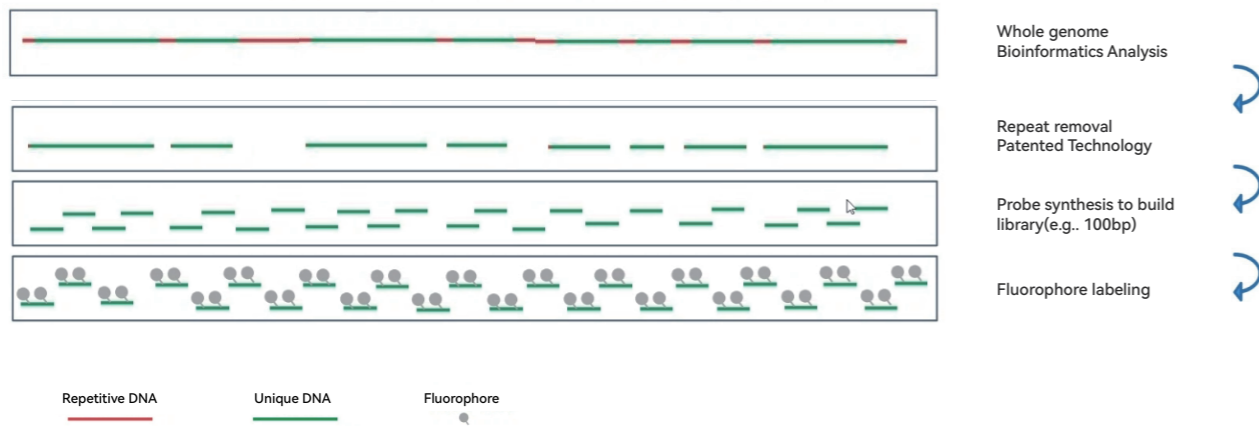
- Next generation: OliGlow™
- QuickFISH Hybridization
- Flexible probe design
- Ubiquitous probe size
- Good tissue penetration
- Low background

OliGlow™ FISH Technology

The Next Generation of Oligo FISH Probe

OliGlow™ oligonucleotide probe is developed based on the bioinformatics analysis of targeted genomic DNA fragment by removing repeats and non-specific sequences to design and synthesize uniformly sized oligo pools, and is not restricted by the availability of BAC clones. The number of oligos for a particular set of probes varies from several hundreds to thousands. A library of oligo probes for each gene target is established and fluorescently labeled. Probes generated by this technique avoid the interference from highly repetitive sequences in the human genome, and have the characteristics of shorter length, excellent tissue penetration, high specificity, clear signal, and low background.

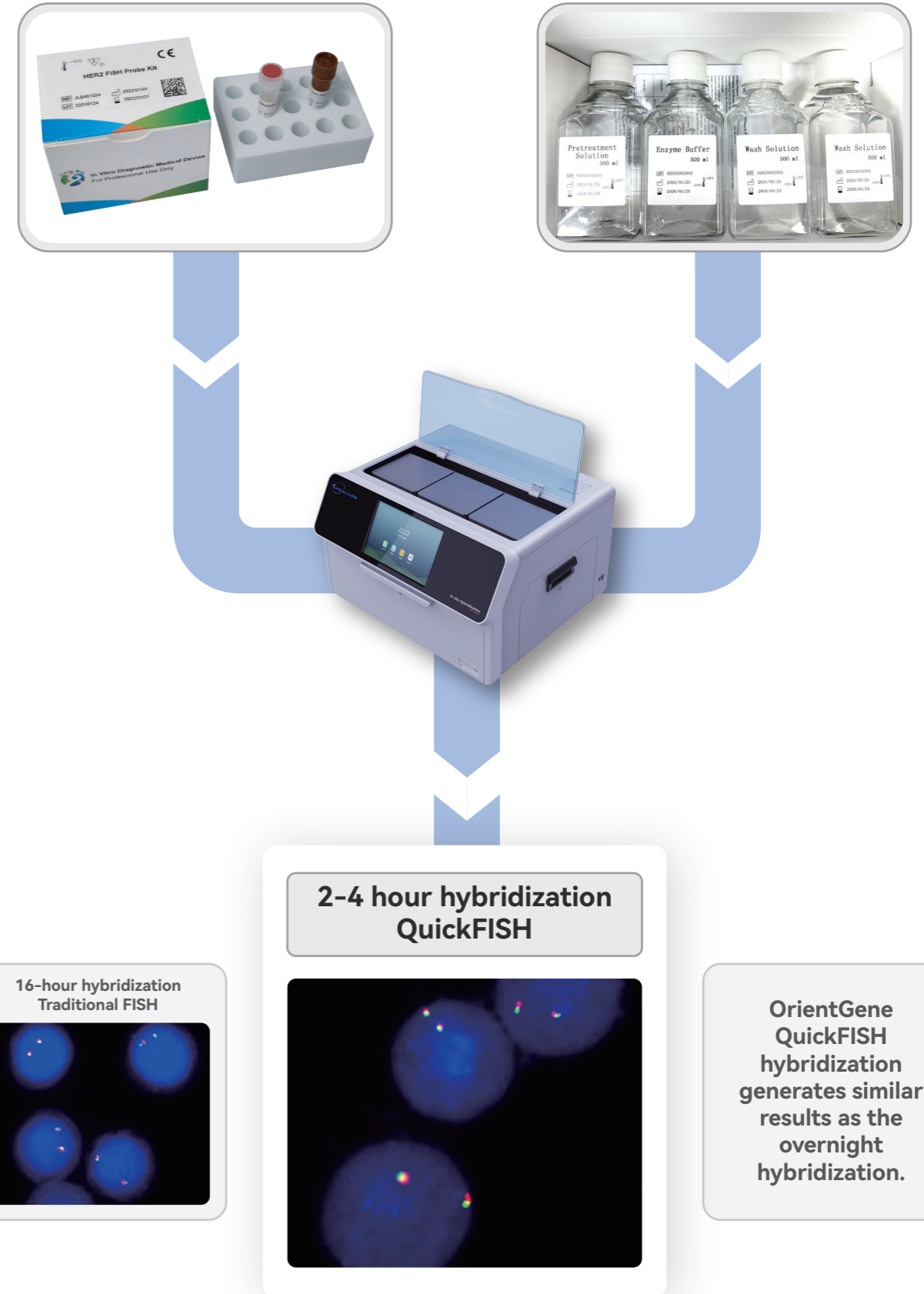
Particularly, these probes possess the advantages of detecting genetic variations of adjacent genes that are not possible when probes were developed from BAC clones.



QuickFISH Hybridization

Same day test results reporting

Healgen's unique quick hybridization technique, combined with the characteristics of low sequence complexity and molecular size of the oligo probes, requires a much shorter hybridization time. It takes as soon as 2 hours to perform the test, thus making the same day reporting possible.





#02

FISH PROBES

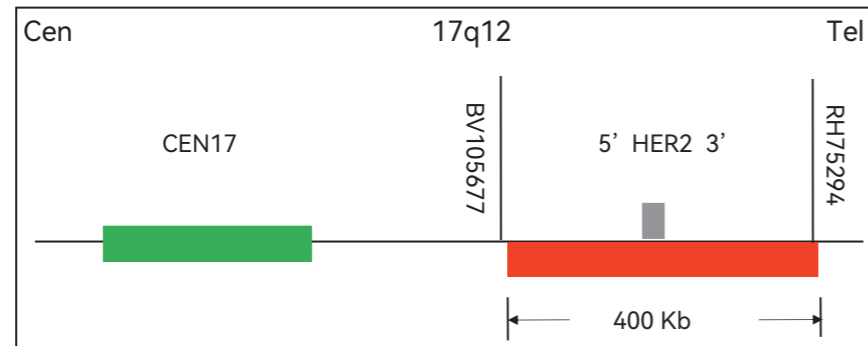
- SOLID TUMOR
- HEMATOLOGY
- CHROMOSOME ENUMERATION PROBE

SOLID TUMOR

Identify chromosome or locus deletions, gains, or translocations that have been associated with specific types of solid tumors.

HER2 FISH Probe Kit

CE ASR



The HER2/CEN17 probe is located on chromosome 17. A 400 Kb probe covering the HER2 gene region is labeled with an orange dye, and part of chromosome 17 (CEN17) is labeled with a green dye.

HER2 gene amplification and overexpression are detected in roughly 15-30% of breast carcinomas, correlating strongly with elevated recurrence rates and unfavorable clinical outcomes. Similar overexpression patterns are documented in ovarian malignancies, gastric tumors, and high-grade endometrial neoplasms, including uterine serous carcinoma.

The human epidermal growth factor receptor 2 (HER2) gene is located on chromosome 17q12 and is a member of the epidermal growth factor receptors (EGFR).

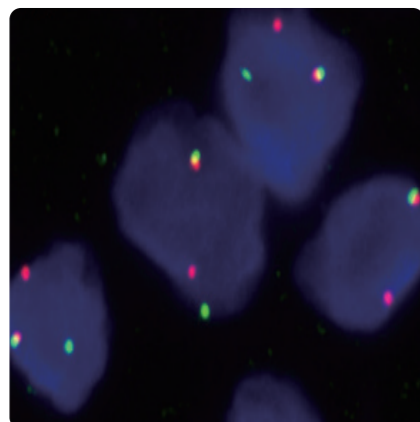
Accurate detection of HER2 protein expression and gene amplification is a prerequisite for the screening and effective prediction of patients receiving molecular targeted therapy with anti-HER2 monoclonal antibody, and it is very important for the clinical treatment and/or prognosis evaluation of breast cancer.

Ordering Information

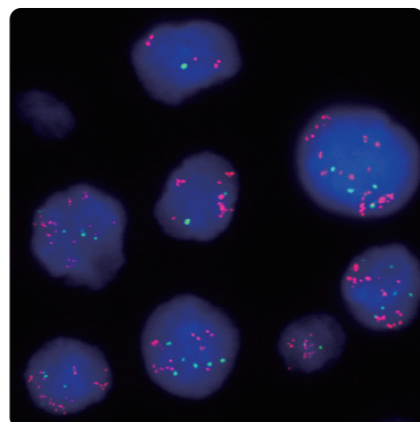
Product Description	Catalog No.	Specification	Certificate	Storage
HER2 FISH probe (HER2 orange probe, CEN17 green probe)	JLB401024-5 JLB401024-10 JLB401024-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

Common signal types (● =orange signal, HER2 ● = green signal, CEN17)

Negative signal pattern

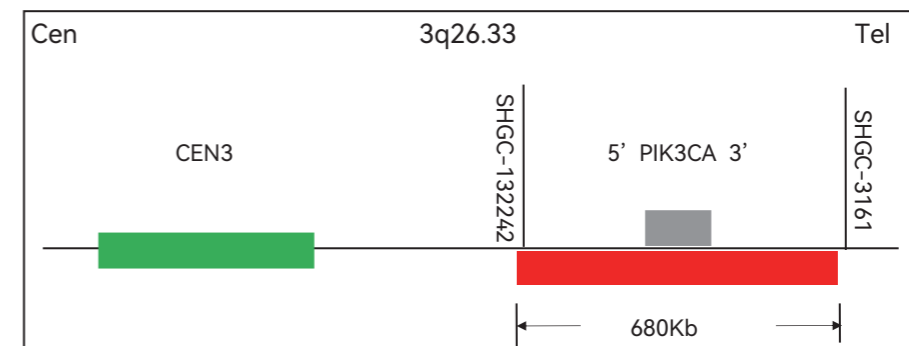


Positive signal pattern



PIK3CA FISH Probe Kit

CE ASR



The PIK3CA/CEN3 probe is located on chromosome 3. A 680 Kb probe covering the PIK3CA gene region at 3q26.33 is labeled with an orange dye, and part of chromosome 3 (CEN3) is labeled with a green dye.

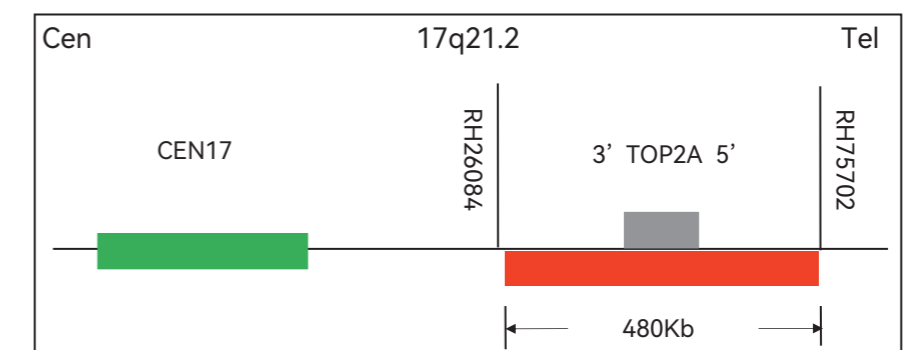
Gene amplification occurs at a higher frequency in lung squamous cell carcinoma patients. There is a significant difference in EGFR mutation rates compared to those without amplification. Prognosis is worse.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
PIK3CA FISH Probe Kit	JLB401042-5 JLB401042-10 JLB401042-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

TOP2A FISH Probe Kit

CE ASR



The TOP2A/CEN17 probe is located on chromosome 7. A 480 Kb probe covering the TOP2A gene region at 17q21.2 is labeled with an orange dye, and part of chromosome 17 (CEN17) is labeled with a green dye.

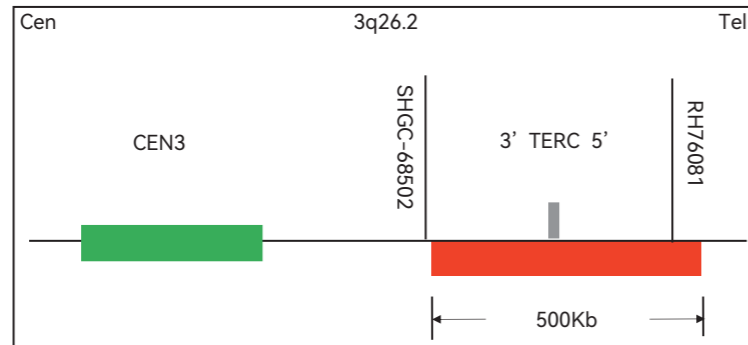
TOP2A amplification and deletion, frequently concurrent with HER2 amplification, are associated with decreased survival in breast cancer.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
TOP2A FISH probe (TOP2A orange probe, CEN17 green probe)	JLB401002-5 JLB401002-10 JLB401002-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

TERC FISH Probe Kit

CE ASR



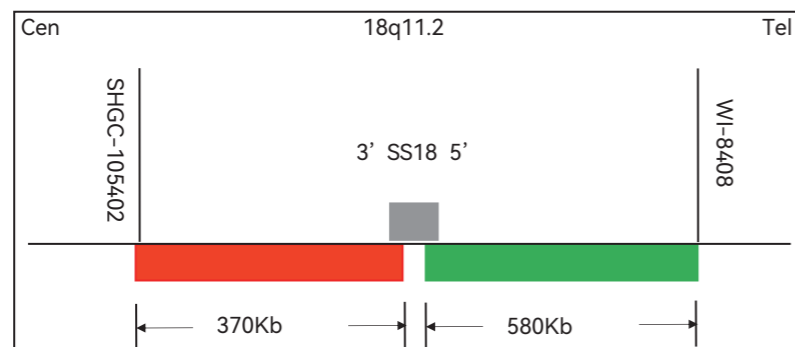
The TERC/CEN3 probe is located on chromosome 3. A 500 Kb probe covering the TERC gene region at 3q26.2 is labeled with an orange dye, and part of chromosome 3 (CEN3) is labeled with a green dye. TERC FISH Probe detects the RNA component of telomerase. It has potential to serve as a biomarker for predicting progression of cervical neoplasias. Telomerase genes could help in the future to determine the malignant potential of cervical lesions (via hTERC testing).

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
TERC FISH probe (TERC orange probe, CEN3 green probe)	JLB401003-5 JLB401003-10 JLB401003-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

SS18 Break Apart FISH Probe Kit

CE ASR



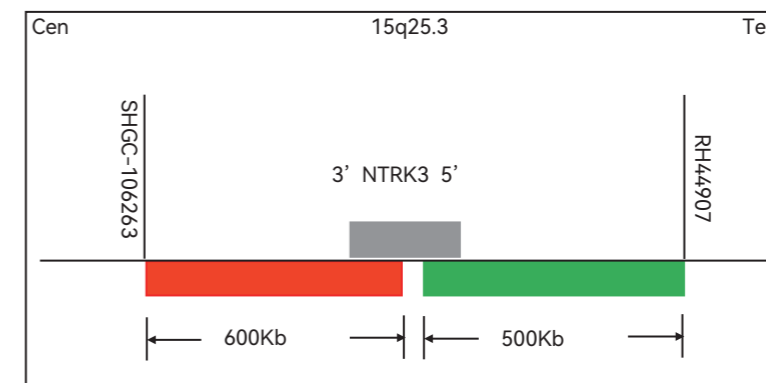
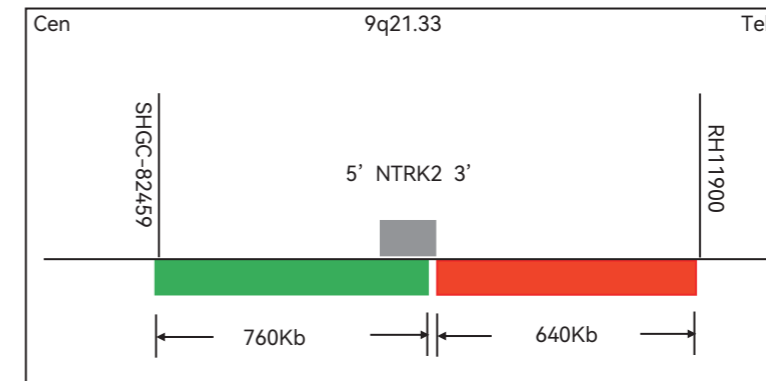
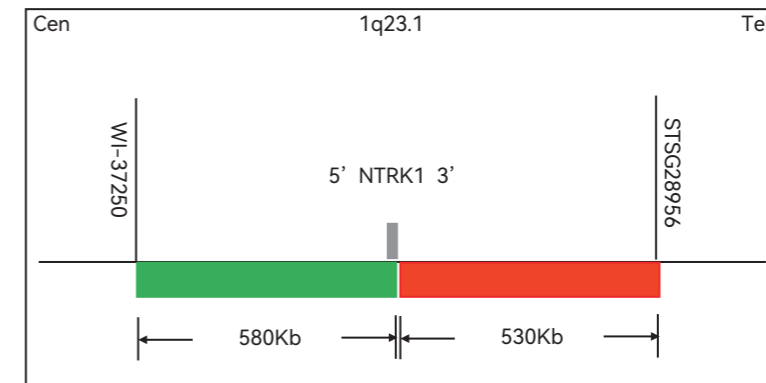
The SS18 gene is located on chromosome 18q11.2. The SS18 break apart FISH probe is designed to label both ends of the SS18 gene, respectively. A 370 Kb orange probe is designed at the 3' end of the SS18 gene, and a 580 Kb green probe is designed at the 5' end of the SS18 gene. Ninety percent of Synovial Sarcoma patients exhibit the defining chromosomal translocation t(X;18)(p11.2;q11.2). This chromosomal rearrangement creates a fusion between the SS18 gene on chromosome 18 and either SSX1 or SSX2 genes located on the X chromosome.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
SS18 Break Apart FISH Probe Kit	JLB401004-5 JLB401004-10 JLB401004-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

NTRK Break Apart FISH Probe Kit

CE ASR



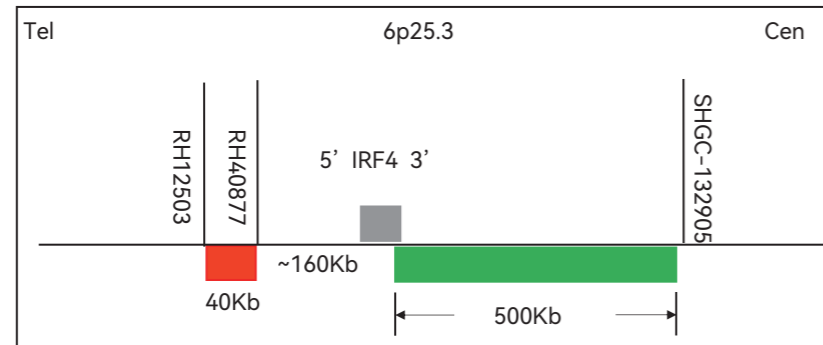
The NTRK Break Apart probe is to detect rearrangements involving the NTRK1, NTRK2, NTRK3 gene in solid tumors using dual-color fluorescence in situ hybridization. The NTRK1 gene is located on chromosome 1q23.1. The NTRK2 gene is located on chromosome 9q21.33. The NTRK3 gene is located on chromosome 15q25.3. NTRK family rearrangements are observed in approximately 3% of non-small cell lung cancer.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
NTRK Break Apart FISH Probe Kit	JLB401005-5 JLB401005-10 JLB401005-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

IRF4 Break Apart FISH Probe Kit

CE ASR



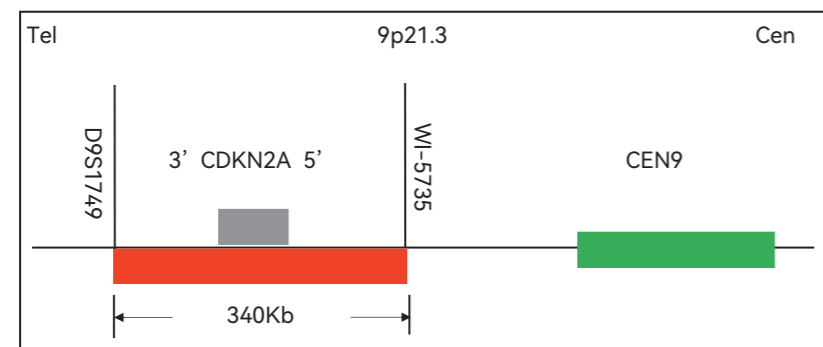
The IRF4 gene is located on chromosome 6p25.3. A 40 Kb orange probe is designed at the 3' end of the IRF4 gene, and a 500 Kb green probe is designed at the 5' end of the IRF4 gene. It detects IRF4 gene rearrangements in hematologic malignancies using dual-color fluorescence in situ hybridization. This identifies IRF4 translocations commonly found in multiple myeloma, plasmacytoma, and certain lymphomas. Essential for accurate diagnosis and classification of plasma cell disorders and B-cell neoplasms.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
IRF4 Break Apart FISH Probe Kit	JLB401023-5	5 Tests	CE, ASR	below -15°C
	JLB401023-10	10 Tests		
	JLB401023-20	20 Tests		

CDKN2A FISH Probe Kit

CE ASR



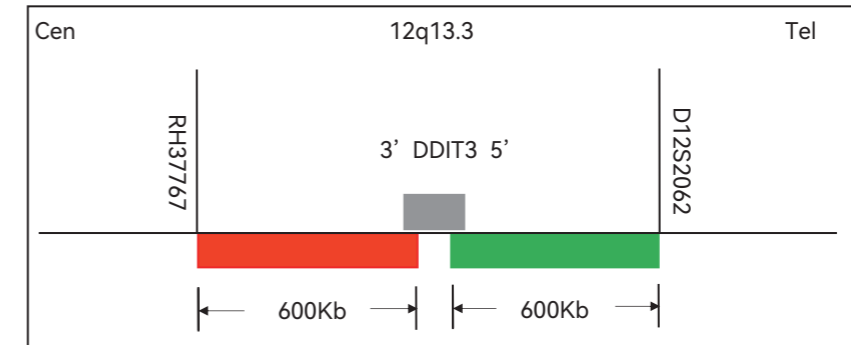
The CDKN2A/CEN9 probe is located on chromosome 12. A 340 Kb probe covering the CDKN2A gene region at 9p21.3 is labeled with an orange dye, and part of chromosome 9 (CEN9) is labeled with a green dye. CDKN2A FISH probes primarily detect deletions of the 9p21 locus, a critical biomarker in cancer diagnostics. They are essential for distinguishing malignant melanoma from benign lesions and for prognostic stratification in gliomas, particularly upgrading IDH-mutant astrocytomas to WHO grade 4. This test also aids in assessing chromosomal abnormalities in bladder cancer and guiding therapy decisions in some leukemias.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
CDKN2A FISH Probe Kit	JLB401055-5	5 Tests	CE, ASR	below -15°C
	JLB401055-10	10 Tests		
	JLB401055-20	20 Tests		

DDIT3 Break Apart FISH Probe Kit

CE ASR



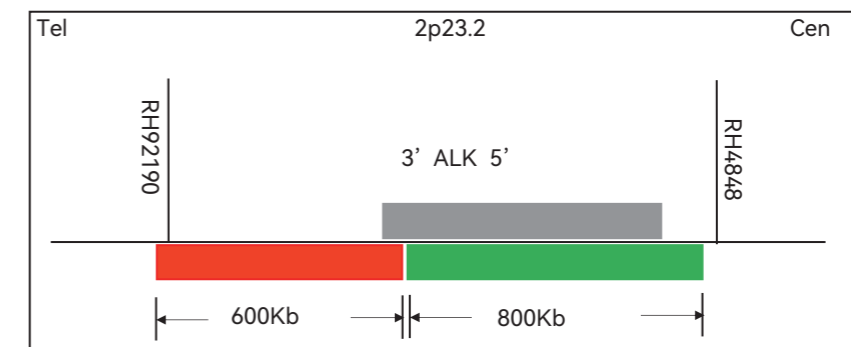
The DDIT3 probe consists of an orange-labeled probe hybridizing proximal to the DDIT3 gene region at 12q13.3 and a green-labeled probe hybridizing distal to the DDIT3 gene region at 12q13.3. DDIT3 FISH probes detect the DDIT3 (CHOP) gene rearrangement at 12q13, primarily serving as the gold-standard diagnostic test for myxoid liposarcoma. They also aid in distinguishing this tumor from other sarcomas with round cell morphology and detecting the specific *FUS-DDIT3* or *EWSR1-DDIT3* fusion transcripts critical for confirming the diagnosis. This technique is essential for accurate sarcoma subtyping and guiding clinical management.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
DDIT3 Break Apart FISH Probe Kit	JLB401007-5	5 Tests	CE, ASR	below -15°C
	JLB401007-10	10 Tests		
	JLB401007-20	20 Tests		

ALK Break Apart FISH Probe Kit

CE ASR



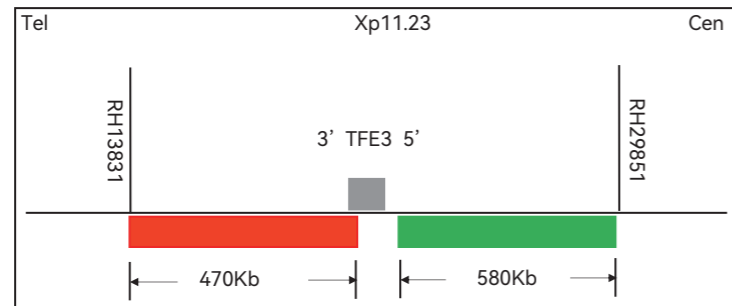
The ALK gene is located on chromosome 2p23.2. The ALK Break Apart FISH probe is designed to label both ends of the ALK gene, respectively. A 600 Kb orange probe is designed at the 3' end of the ALK gene, and a 800 Kb green probe is designed at the 5' end of the ALK gene. Anaplastic lymphoma kinase (ALK) is a receptor tyrosine kinase which was discovered in anaplastic large-cell lymphoma (ALCL). In non-small cell lung cancer, the inv(2)(p21;p23) forms the fusion gene EML4-ALK, which represents a molecular subtype of NSCLC.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
ALK Break Apart FISH Probe Kit	JLB401011-5	5 Tests	CE, ASR	below -15°C
	JLB401011-10	10 Tests		
	JLB401011-20	20 Tests		

TFE3 Break Apart FISH Probe Kit

CE ASR



The TFE3 gene is located on chromosome Xp11.23. The TFE3 break apart FISH probe is designed to label both ends of the TFE3 gene, respectively. A 470 Kb orange probe is designed at the 3' end of the TFE3 gene, and a 580 Kb green probe is designed at the 5' end of the TFE3 gene.

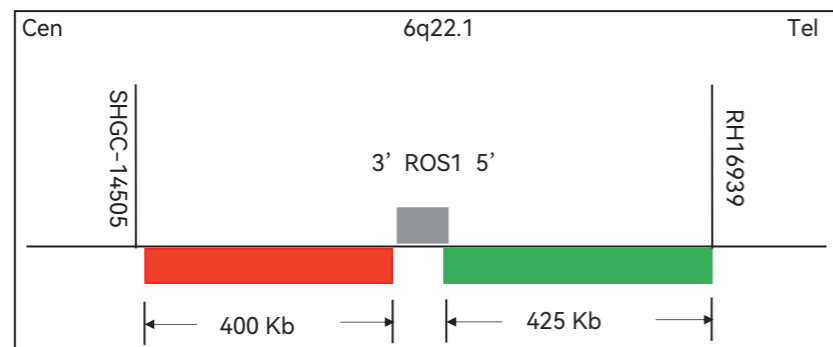
Xp11.2 translocation renal cell carcinoma is common in children (approximately one-third of cases) but rare in adults. Most cases are already advanced at diagnosis, with no specific imaging features reported. Xp11.2 translocation RCC differs from other common renal cancers in being insensitive to adjuvant therapies such as immunotherapy, radiotherapy, and chemotherapy, and clinically often presents with perinephric lymph node metastasis. TFE3 protein is highly expressed in this type, but its specificity is only 79%, as high expression also occurs in granular cell tumors, adrenal cortical carcinoma, perivascular epithelioid cell tumors, and high-grade myxofibrosarcoma.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
TFE3 Break Apart FISH Probe Kit	JLB401015- 5	5 Tests	CE, ASR	below -15°C
	JLB401015-10	10 Tests		
	JLB401015-20	20 Tests		

ROS1 Break Apart FISH Probe Kit

CE ASR



The ROS1 Break Apart FISH probe is designed to label both ends of the ROS1 gene at chromosome 6q22.1, respectively. A 400 Kb orange probe is designed at the 3' end of the ROS1 gene, and a 425 Kb green probe is designed at the 5' end of the ROS1 gene.

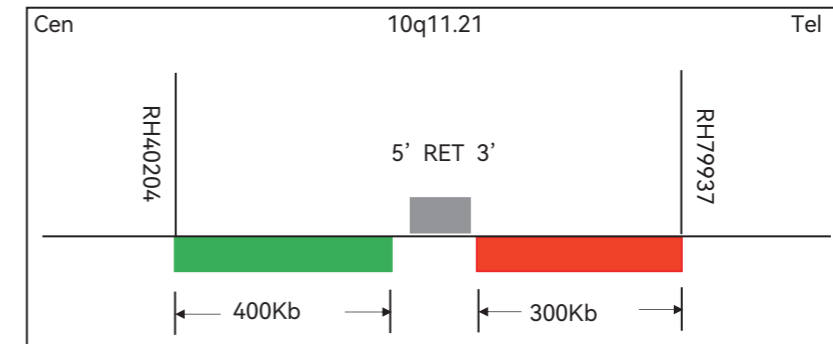
ROS1 gene is overexpressed in brain, lung, gastric, breast, and liver tumors, and undergoes translocations with other genes (such as SLC34A2, CD74, etc.) in non-small cell lung cancer cells. Approximately 3% of NSCLC patients harbor ROS1 rearrangements, and crizotinib can inhibit the growth of ROS1 fusion gene-positive cells. Detection of ROS1 gene rearrangements can guide crizotinib therapy selection.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
ROS1 Break Apart FISH Probe Kit	JLB401016- 5	5 Tests	CE, ASR	below -15°C
	JLB401016-10	10 Tests		
	JLB401016-20	20 Tests		

RET Break Apart FISH Probe Kit

CE ASR



The RET break apart FISH probe is designed to label both ends of the RET gene at chromosome 10q11.21, respectively. A 300 kb orange probe is designed at the 3' end of the RET gene, and a 420 kb green probe is designed at the 5' end of the RET gene.

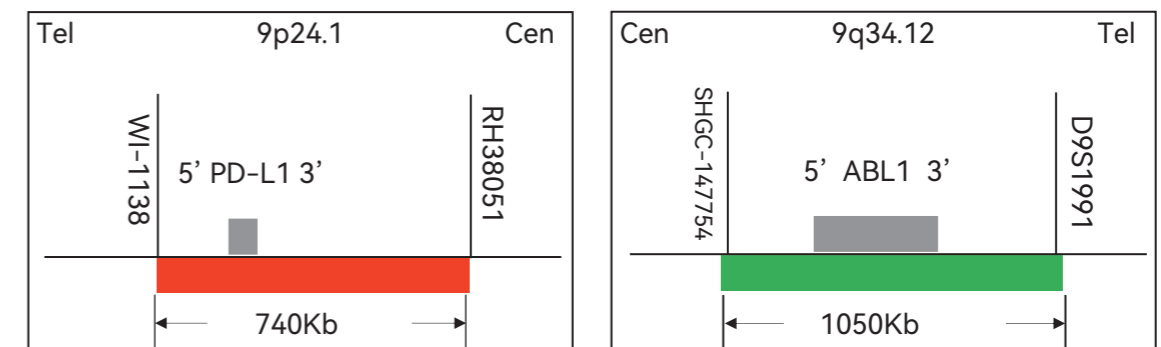
In non-small cell lung cancer (NSCLC), RET mutations often manifest as RET fusion genes and are observed in 1-2 % of patients with NSCLC. RET expression is low in normal lung tissue, but gene rearrangements activate the RET kinase domain, leading to high expressions in lung cancer samples. Three targeted drugs - Vandetanib, Sorafenib, and Sunitinib - inhibit the activity of multiple receptor tyrosine kinases including RET, killing cells carrying RET fusion genes.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
RET Break Apart FISH Probe Kit	JLB401017- 5	5 Tests	CE, ASR	below -15°C
	JLB401017-10	10 Tests		
	JLB401017-20	20 Tests		

PD-L1/ABL1 FISH Probe Kit

CE ASR



The PD-L1/ABL1 probe is located on chromosome 9. A 740kb probe covering the PD-L1 gene region at 9p24.1 is labeled with an orange dye, A 1050kb probe covering the ABL1 gene region at 9p34.13 is labeled with a green dye.

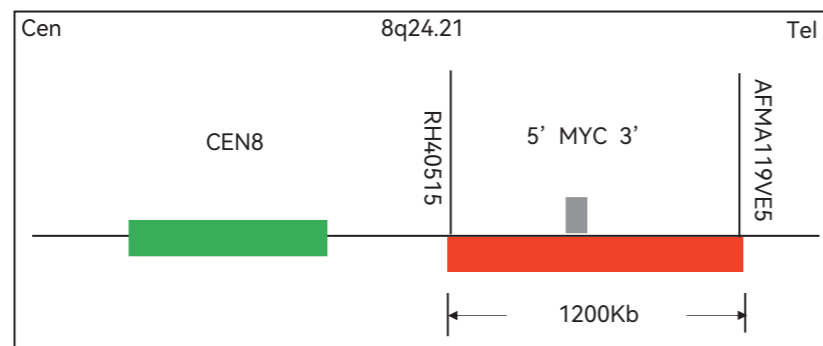
Detects PD-L1 gene amplification in various cancers for immunotherapy selection and prognosis. Used to identify patients with PD-L1 overexpression who may respond to PD-1/PD-L1 checkpoint inhibitors. Essential for predicting therapeutic efficacy in lung cancer, hepatocellular carcinoma, and other malignancies. ABL1 component enables detection of chromosomal aberrations in hematologic disorders.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
PD-L1/ABL1 FISH Probe Kit	JLB401019- 5	5 Tests	CE, ASR	below -15°C
	JLB401019-10	10 Tests		
	JLB401019-20	20 Tests		

MYC FISH Probe Kit

CE ASR



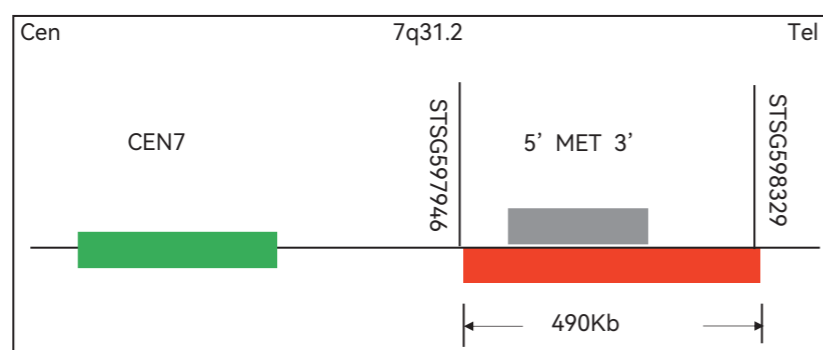
The MYC/CEN8 probe is located on chromosome 8. A 1200 Kb probe covering the MYC gene region at 8q24.21 is labeled with an orange dye, and part of chromosome 8 (CEN8) is labeled with a green dye. MYC gene amplification occurs in various tumors, such as breast cancer and cervical cancer, with poor prognosis. Can detect chromosome 8 polyploidy.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MYC FISH Probe Kit	JLB401021-5	5 Tests	CE, ASR	below -15°C
	JLB401021-10	10 Tests		
	JLB401021-20	20 Tests		

MET FISH Probe Kit

CE ASR



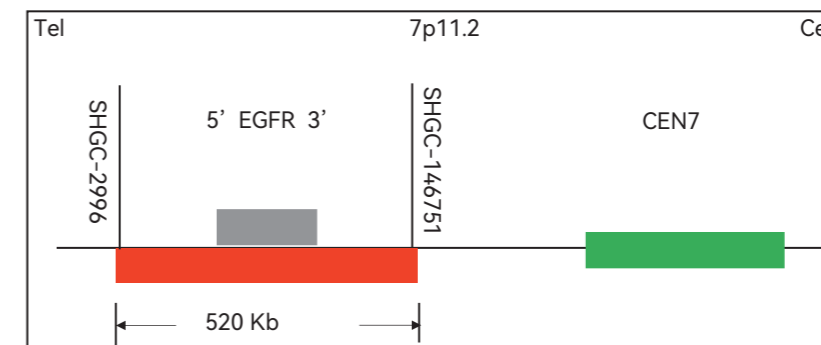
The MET/CEN7 probe is located on chromosome 7. A 490 Kb probe covering the MET gene region at 7q31.2 is labeled with an orange dye, and part of chromosome 7 (CEN7) is labeled with a green dye. Studies have shown that in lung cancer, the MET gene can undergo gene translocations in addition to amplification, overexpression, and exon skipping mutations.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MET FISH Probe Kit	JLB401022-5	5 Tests	CE, ASR	below -15°C
	JLB401022-10	10 Tests		
	JLB401022-20	20 Tests		

EGFR FISH Probe Kit

CE ASR



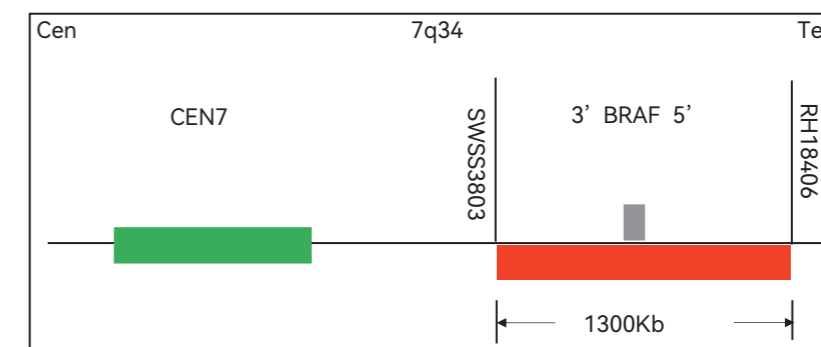
The EGFR/CEN7 probe is located on chromosome 7. A 520 Kb probe covering the EGFR gene region at 7p11.2 is labeled with an orange dye, and part of chromosome 7 (CEN7) is labeled with a green dye. NSCLC patients (about 80% of lung cancers) with EGFR gene amplification show significantly improved treatment outcomes with tyrosine kinase inhibitors (TKIs). Used to screen NSCLC patients suitable for TKI therapy. EGFR gene amplification can also occur in various tumors including lung cancer, head and neck cancer, ovarian cancer, cervical cancer, bladder cancer, and esophageal cancer.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
EGFR FISH Probe Kit	JLB401025-5	5 Tests	CE, ASR	below -15°C
	JLB401025-10	10 Tests		
	JLB401025-20	20 Tests		

BRAF FISH Probe Kit

CE ASR



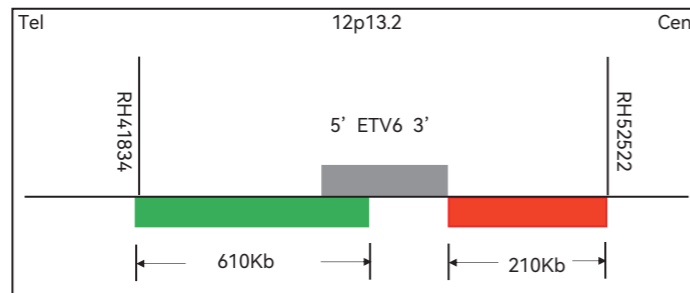
The BRAF/CEN7 probe is located on chromosome 7. A 1300 Kb probe covering the BRAF gene region at 7q34 is labeled with an orange dye, and part of chromosome 7 (CEN7) is labeled with a green dye. BRAF mutations are important therapeutic targets in multiple solid tumors, with varying mutation rates in melanoma, thyroid cancer, colorectal cancer, and NSCLC. It is also a molecular subtype of central nervous system gliomas, and this fusion is found in pilocytic astrocytoma (common), pilomyxoid astrocytoma (sellar region), and diffuse leptomeningeal glioneuronal tumor.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
BRAF FISH Probe Kit	JLB401026-5	5 Tests	CE, ASR	below -15°C
	JLB401026-10	10 Tests		
	JLB401026-20	20 Tests		

ETV6 Break Apart FISH Probe Kit

CE ASR



The ETV6 gene is located on chromosome 12p13.2. The ETV6 Break Apart FISH probe is designed to label both ends of the ETV6 gene, respectively. A 210 Kb orange probe is designed at the 3' end of the ETV6 gene, and a 610 Kb green probe is designed at the 5' end of the ETV6 gene.

Applied to Infantile Fibrosarcoma with ETV6-NTRK3 fusion (75-90% incidence). Aids differential diagnosis from infantile myofibromatosis, rhabdomyosarcoma, and other spindle cell tumors. sss LMNA-NTRK1 fusion also found in some infantile myofibroblastic tumors.

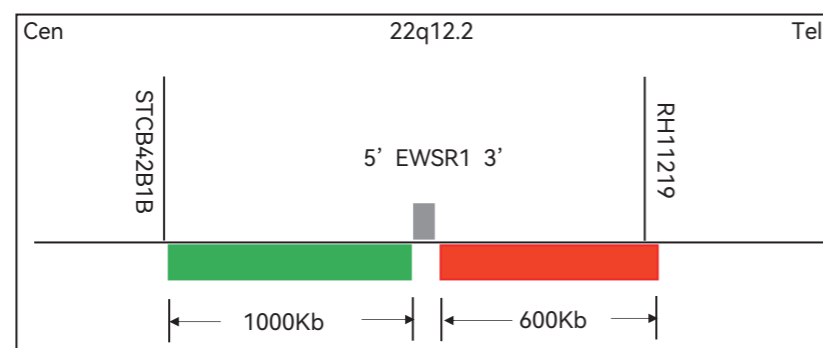
Detects ETV6 rearrangements at 12p13.2 and deletions of 12p13.2 in hematologic malignancies including acute myeloid leukemia, myelodysplastic syndromes, and B-ALL. Also identifies ETV6 rearrangements in solid tumors including mammary analogue secretory carcinoma, secretory breast carcinoma, and infantile fibrosarcoma. Associated with poor prognosis and disease monitoring in hematological malignancies.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
ETV6 Break Apart FISH Probe Kit	JLB401035-5 JLB401035-10 JLB401035-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

EWSR1 Break Apart FISH Probe Kit

CE ASR



The EWSR1 gene is located on chromosome 22q12.2. The EWSR1 Break Apart FISH probe is designed to label both ends of the EWSR1 gene, respectively. A 600 Kb orange probe is designed at the 3' end of the EWSR1 gene, and a 1000 Kb green probe is designed at the 5' end of the EWSR1 gene.

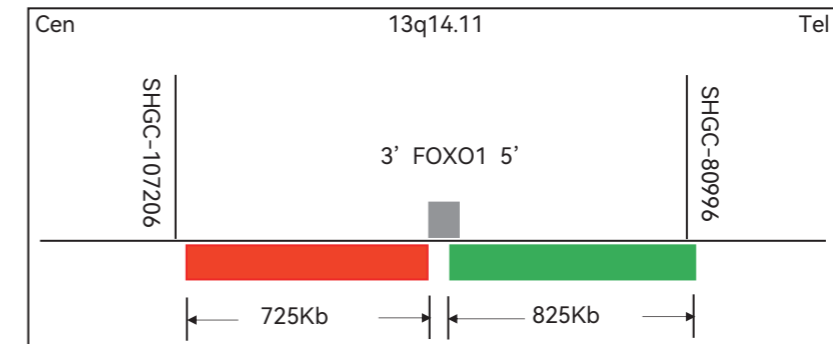
Applied to sclerosing epithelioid fibrosarcoma. 90% (9/10) exhibit EWSR1 gene rearrangements, while 10% (1/10) show FUS gene rearrangements.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
EWSR1 Break Apart FISH Probe Kit	JLB401037-5 JLB401037-10 JLB401037-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

FOXO1 Break Apart FISH Probe Kit

CE ASR



The FOXO1 gene is located on chromosome 13q14.11. The FOXO1 Break Apart FISH probe is designed to label both ends of the FOXO1 gene, respectively. A 725 Kb orange probe is designed at the 3' end of the FOXO1 gene, and a 825 Kb green probe is designed at the 5' end of the FOXO1 gene.

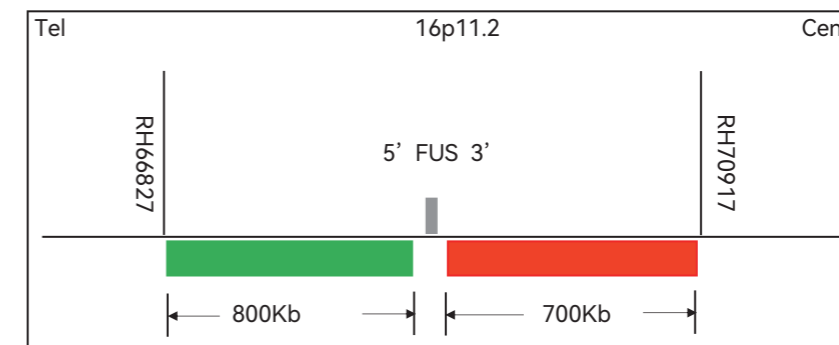
habdomyosarcoma (RMS) is the most common pediatric soft tissue sarcoma. Main subtypes include embryonal RMS (ERMS) and alveolar RMS (ARMS). ARMS has worse prognosis and shows t(2;13) or t(1;13) translocations involving FOXO1-PAX3/PAX7 fusions in ~80% of cases.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
FOXO1 Break Apart FISH Probe Kit	JLB401038-5 JLB401038-10 JLB401038-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

FUS Break Apart FISH Probe Kit

CE ASR



The FUS gene is located on chromosome 16p11.2. The FUS Break Apart FISH probe is designed to label both ends of the FUS gene, respectively. A 700 Kb orange probe is designed at the 3' end of the FUS gene, and a 800 Kb green probe is designed at the 5' end of the FUS gene.

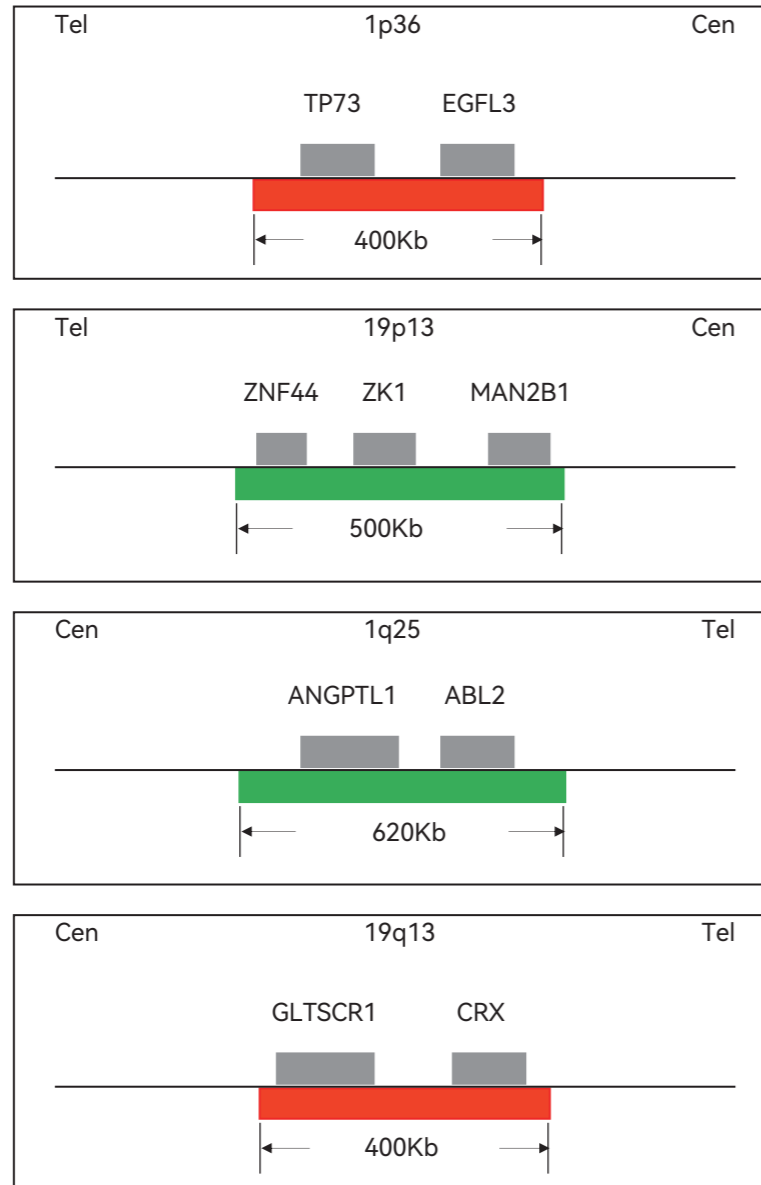
Myxoid liposarcomas (MLS) comprise 30% of liposarcomas and 10% of adult soft tissue sarcomas. Round-cell progression indicates poor prognosis. Most cases (95%) show t(12;16) translocation creating FUS-DDIT3 fusion, while 5% have t(12;22) generating EWSR1-DDIT3 fusion. FUS rearrangements also occur in low-grade fibromyxoid sarcoma, limiting specificity for MLS detection.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
FUS Break Apart FISH Probe Kit	JLB401039-5 JLB401039-10 JLB401039-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

1p/19q FISH Probe Kit

CE ASR



The 1p (1p36/1q25) probe is located on chromosome 1. A 400 Kb probe covering the 1p36 gene region is labeled with an orange dye, and A 620 Kb probe covering the 1q25 gene region is labeled with a green dye. The 19q (19p13/19q13) probe is located on chromosome 19, A 500 Kb probe covering the 19p13 gene region is labeled with an orange dye, and A 400 Kb probe covering the 19q13 gene region is labeled with a green dye.

NCCN guidelines: High-risk low-grade gliomas require radiochemotherapy. Low-risk features include oligodendroglial histology, age <40, and 1p/19q codeletion with IDH mutation.

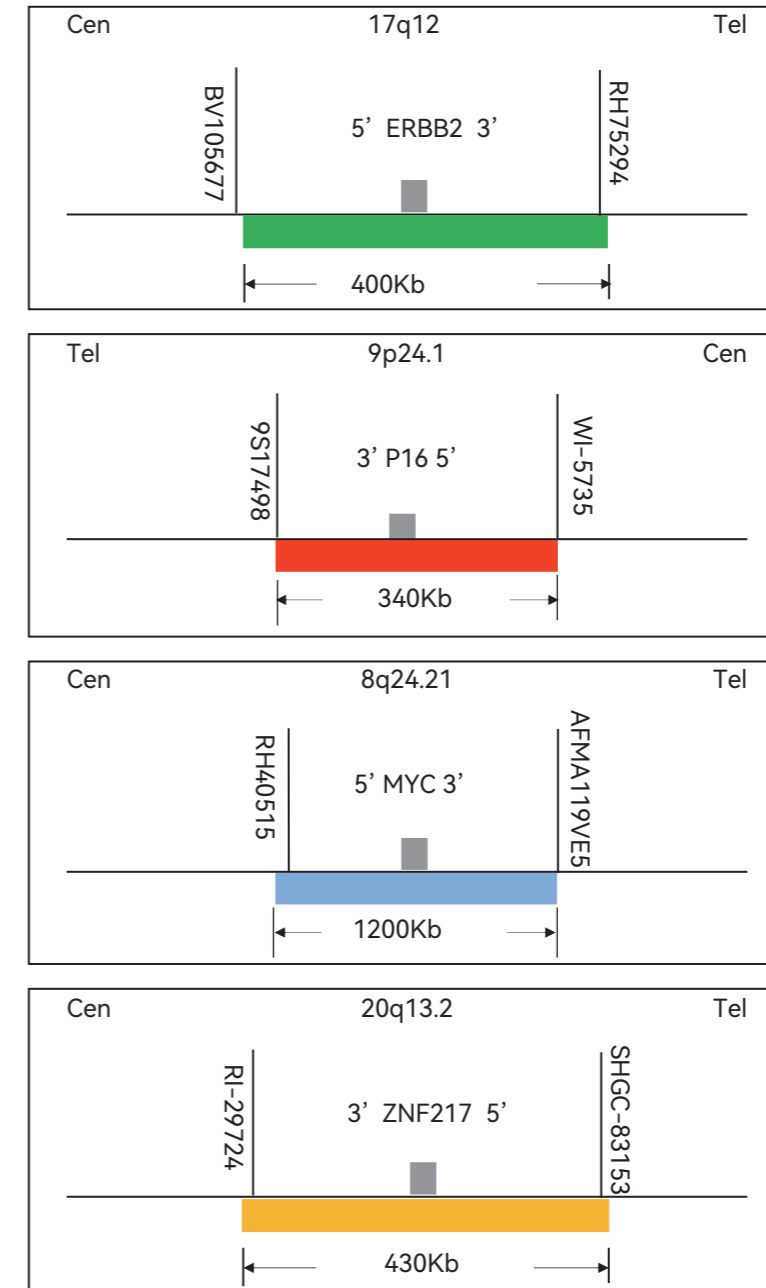
1p/19q codeletion frequency: 80-90% in grade II oligodendrogliomas, 50-70% in grade III, decreasing in mixed tumors. Codeletion confers alkylating agent sensitivity and better prognosis compared to single/no deletions. Non-deleted cases show higher pseudoprogression rates. 2016 WHO classification requires IDH mutation plus 1p/19q codeletion for oligodendroglial diagnosis. 1p/19q deletions also found in glioblastoma and other CNS tumors.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
1p/19q FISH Probe Kit	JLB401028-5	5 Tests	CE, ASR	below -15°C
	JLB401028-10	10 Tests		
	JLB401028-20	20 Tests		

Esophageal FISH Probe Kit

CE ASR



The ERBB2(17q12) probe is located on chromosome 6. The P16(9p24.1) probe is located on chromosome 9. The MYC (8q24.21) probe is located on chromosome 8. The ZNF217 (20q13.2) probe is located on chromosome 20. A 400 Kb probe covering the ERBB2 gene region is labeled with a green dye. A 340 Kb probe covering the P16 gene region is labeled with a red dye. A 1200 Kb probe covering the MYC gene region is labeled with an aqua dye. A 430 Kb probe covering the ZNF217 gene region is labeled with a golden dye.

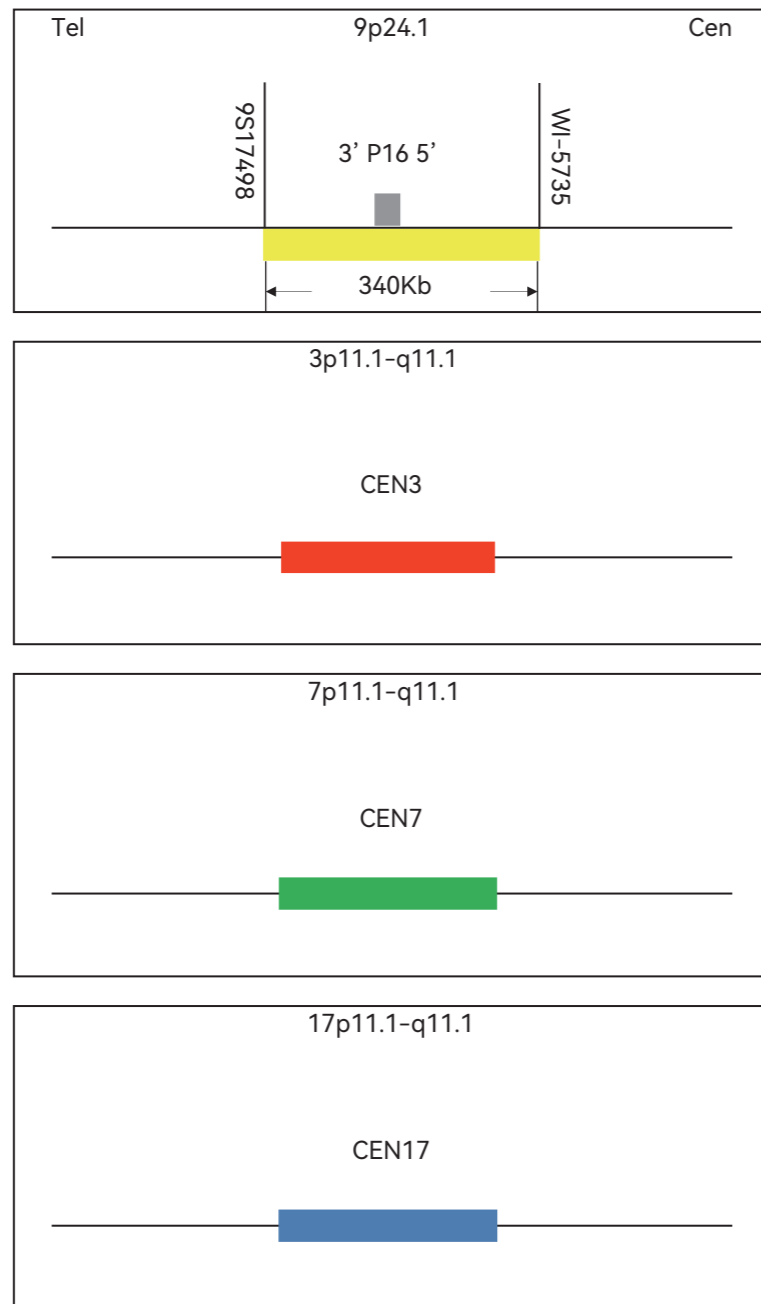
Detects chromosomal aberrations and gene rearrangements associated with esophageal carcinoma. Aids in diagnosis, prognosis assessment, and treatment selection for esophageal cancer patients through targeted genetic analysis.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Esophageal FISH Probe Kit	JLB401049-5	5 Tests	CE, ASR	below -15°C
	JLB401049-10	10 Tests		
	JLB401049-20	20 Tests		

Bladder Cancer FISH Probe Kit (Four - Color)

CE ASR



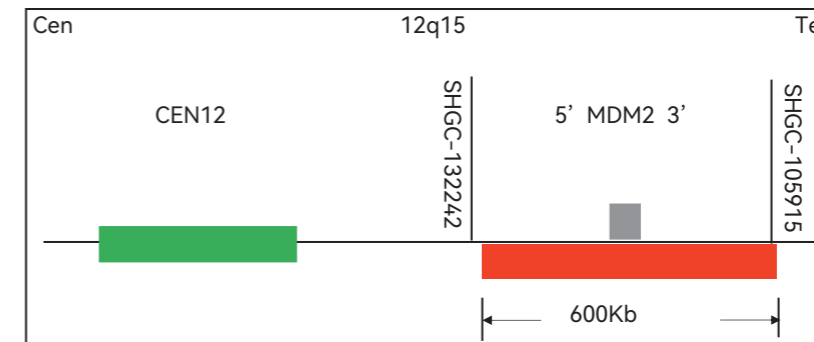
The P16 probe is located on chromosome 9. A 340 Kb probe covering the P16 gene region at 9p21.3 is labeled with an golden dye, and part of chromosome 3 (CEN3) is labeled with a Red dye, part of chromosome 7 (CEN7) is labeled with a green dye, part of chromosome 17 (CEN17) is labeled with a Aqua blue dye. Detects chromosomal abnormalities and gene alterations specific to bladder carcinoma. Used for early diagnosis, tumor grading, and monitoring treatment response in bladder cancer patients through precise molecular cytogenetic analysis.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Bladder Cancer FISH Probe Kit (Four - Color)	JLB401010- 5	5 Tests	CE, ASR	below -15°C
	JLB401010-10	10 Tests		
	JLB401010-20	20 Tests		

MDM2 FISH Probe Kit

CE ASR



The MDM2/CEN12 probe is located on chromosome 12. A 600 Kb probe covering the MDM2 gene region at 12q15 is labeled with an orange dye, and part of chromosome 12 (CEN12) is labeled with a green dye. TP53 tumor suppressor regulates cell cycle and apoptosis. MDM2 negatively regulates p53 and is amplified in 7% of cancers (20% in soft tissue tumors). MDM2 amplification distinguishes well-differentiated/dedifferentiated liposarcomas from benign lipomatous tumors via FISH analysis.

Ordering Information

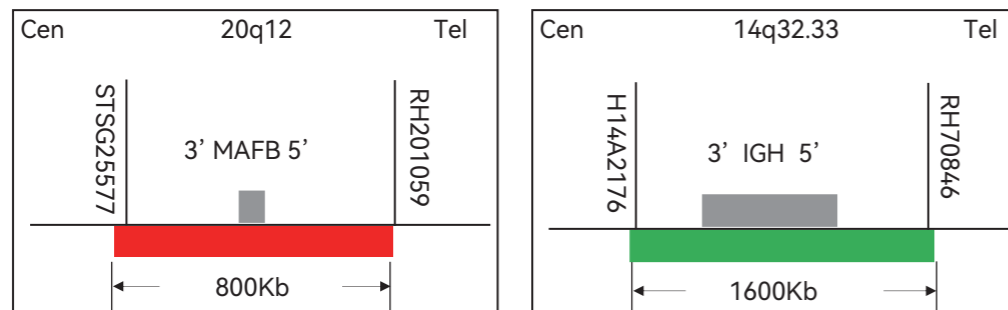
Product Description	Catalog No.	Specification	Certificate	Storage
MDM2 FISH Probe Kit	JLB401043- 5	5 Tests	CE, ASR	below -15°C
	JLB401043-10	10 Tests		
	JLB401043-20	20 Tests		

HEMATOLOGY

identification of genetic aberrations associated with hematopoietic disorders, can be applied to genetic aberrations associated with hematopoietic disorders.

MAFB/IGH Dual Color, Dual Fusion FISH Probe Kit

CE ASR



The MAFB probe is located on chromosome 20 and the IGH probe is located on chromosome 14. A 800 Kb probe covering the MAFB gene region is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region is labeled with a green dye. The MAFB gene marker region is located on 20q12 and the IGH gene marker region is located on 14q32.33, which has high specificity and will not hybridize with other chromosome centromeres to produce hybrid spots.

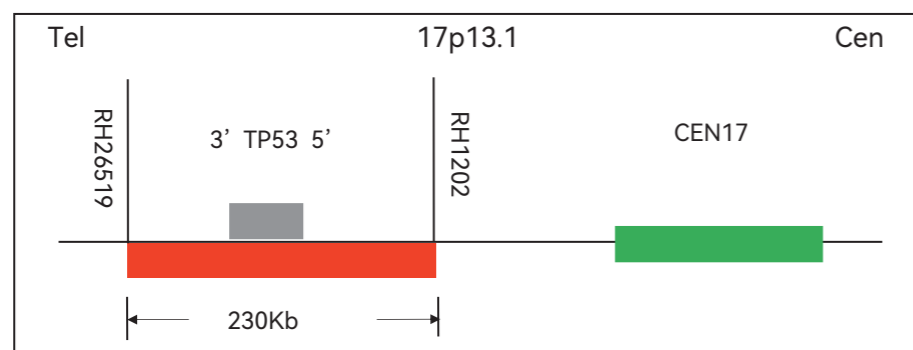
The translocation t(14;20) occurs in 2% of MM patients and is associated with poor prognosis.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MAFB/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401062-5 JLB401062-10 JLB401062-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

TP53 FISH Probe Kit

CE ASR



The TP53/CEN17 probe is located on chromosome 17. A 230 Kb probe covering the TP53 gene region is labeled with orange dye, and part of chromosome 17 (CEN17) is labeled with a green dye.

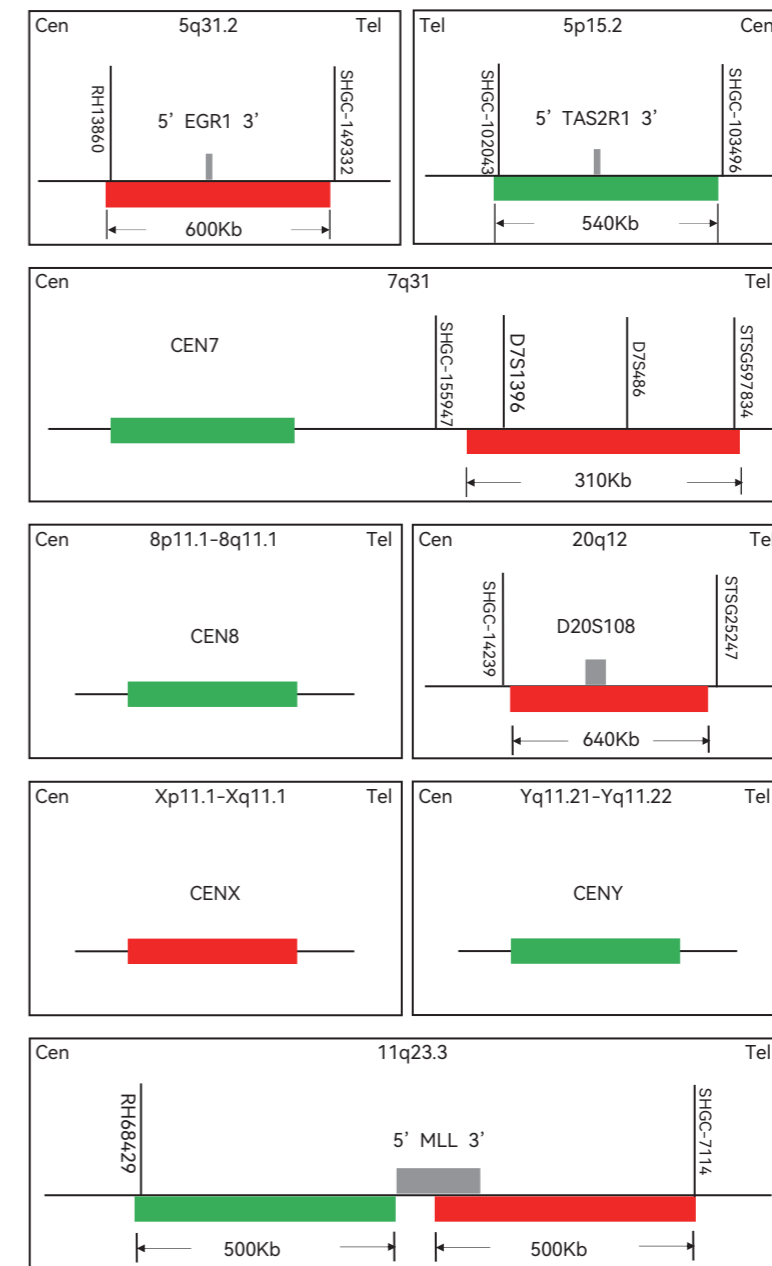
As a tumor suppressor gene, TP53 prevents cell division when DNA damage occurs. Deletion of TP53 at 17p13 strongly predicts resistance to purine analogues and alkylating agents, indicating poor prognosis in CLL.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
TP53 FISH probe (TP53 orange probe, CEN17 green probe)	JLB401001-5 JLB401001-10 JLB401001-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

Myelodysplastic Syndrome FISH Probe Kit

CE ASR



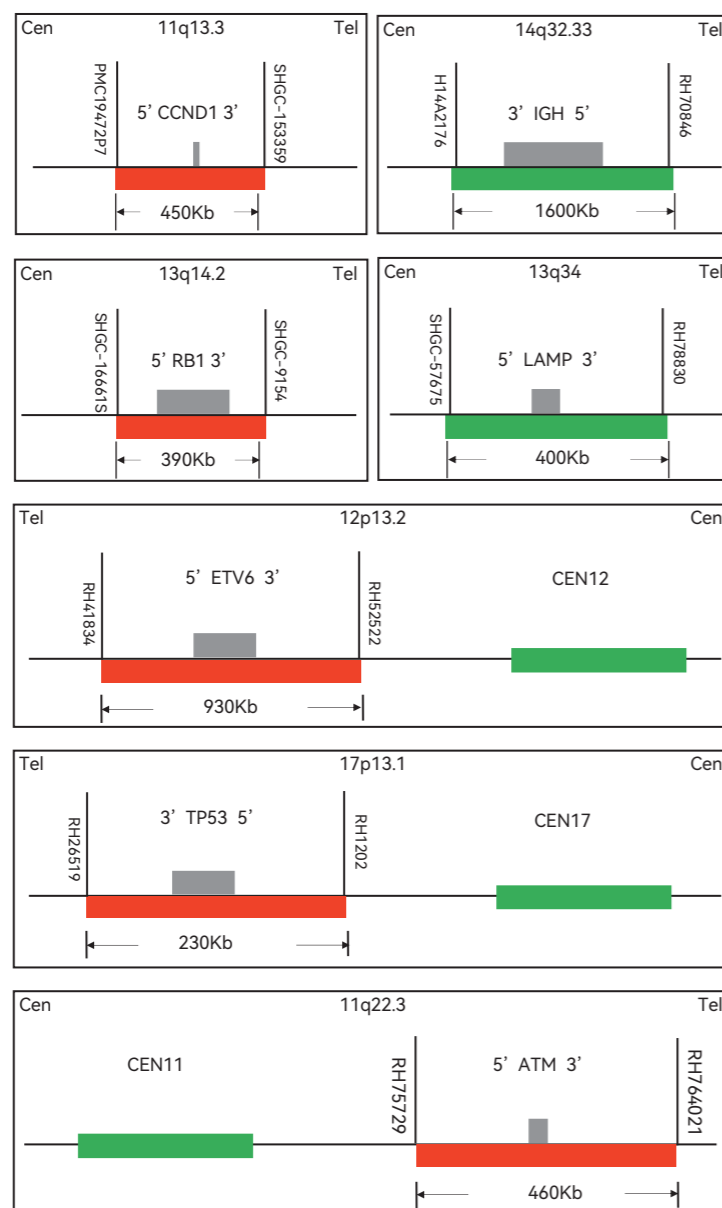
The Myelodysplastic Syndrome FISH Probe Kit is designed to detect deletion of the EGR1/TAS2R1, D7S486/CEN7, D20S108/CEN8, CENY/CENX gene and detect rearrangements involving the MLL gene via fluorescence in situ hybridization (FISH) in peripheral blood specimens or bone marrow from patients with Myelodysplastic Syndrome (MDS).
 EGR1 (5q31.2): 600 Kb orange probe; TAS2R1 (5p15.2): 540 Kb green probe.
 D7S486 (7q31): 310 Kb orange probe; CEN7: green probe.
 D20S108 (20q12): 640 Kb orange probe; CEN8: green probe.
 CENY/CENX probe: located on chromosomes Y and X.
 MLL break apart (11q23): 500 Kb orange probe at 3' end, 500 Kb green probe at 5' end.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Myelodysplastic Syndrome FISH Probe Kit	JLB401006-5 JLB401006-10 JLB401006-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

Chronic Lymphocytic Leukemia FISH Probe Kit

CE ASR



The Chronic Lymphocytic Leukemia FISH Probe Kit is designed to detect Dual Fusion Translocation of the CCND1/IGH, and detect deletion of the RB1/LAMP, ETV6/CEN12, MYB/CEN6, TP53/CEN17, ATM/CEN11 gene via fluorescence in situ hybridization (FISH) in peripheral blood specimens or bone marrow from patients with B-cell chronic lymphocytic leukemia (CLL).

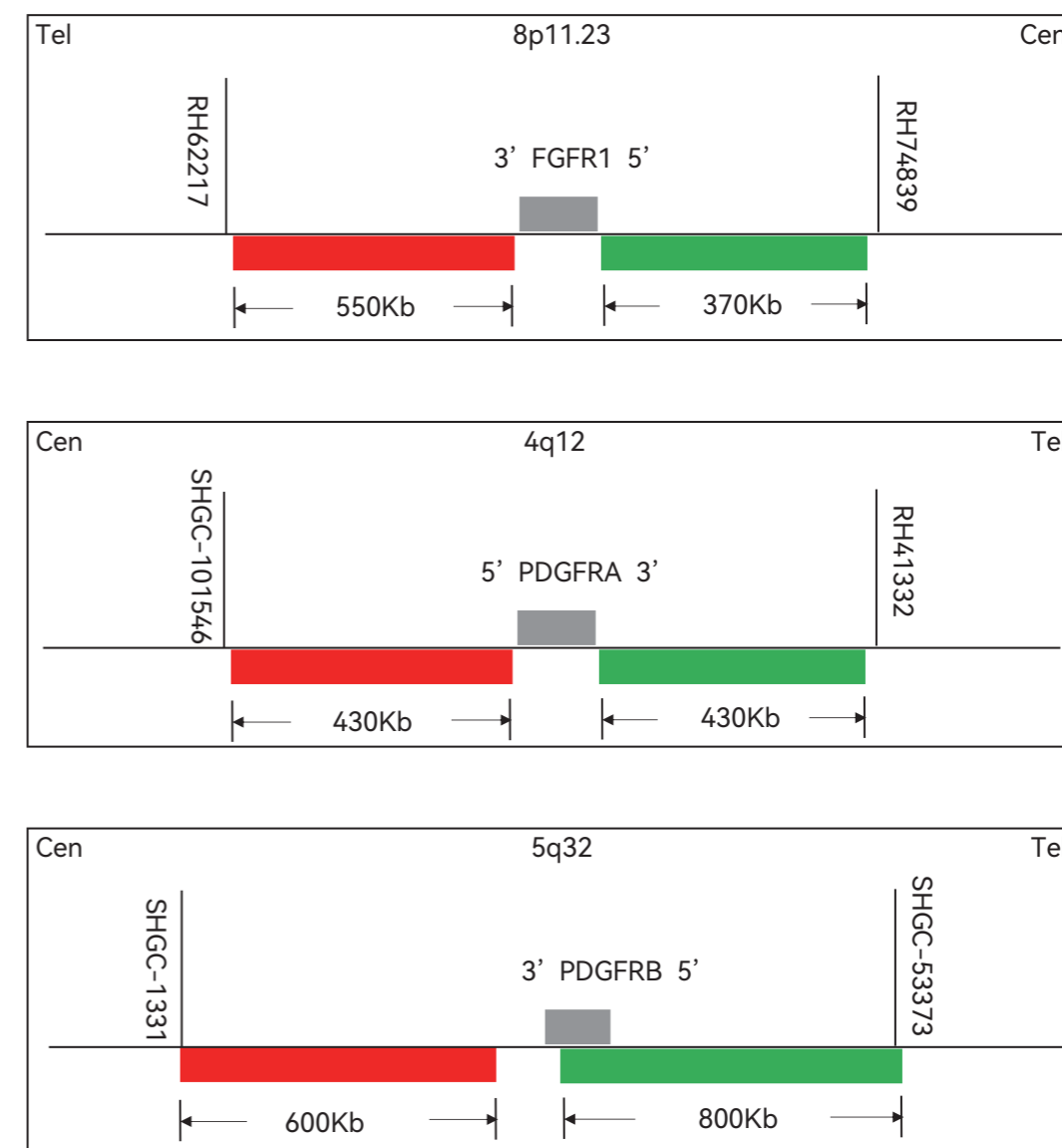
- CCND1 (11q13.3): 450 Kb orange probe; IGH (14q32.33): 1600 Kb green probe.
- RB1 (13q14.2): 390 Kb orange probe; LAMP (13q34): 400 Kb green probe.
- ETV6 (12p13.2): 930 Kb orange probe; CEN12: green probe.
- MYB (6q23.3): 840 Kb orange probe; CEN6: green probe.
- TP53 (17p13.1): 230 Kb orange probe; CEN17: green probe.
- ATM (11q22.3): 460 Kb orange probe; CEN11: green probe.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Chronic Lymphocytic Leukemia FISH Probe Kit	JLB401008-5	5 Tests	CE, ASR	below -15°C
	JLB401008-10	10 Tests		
	JLB401008-20	20 Tests		

Chronic Eosinophilic Leukemia FISH Probe Kit

CE ASR



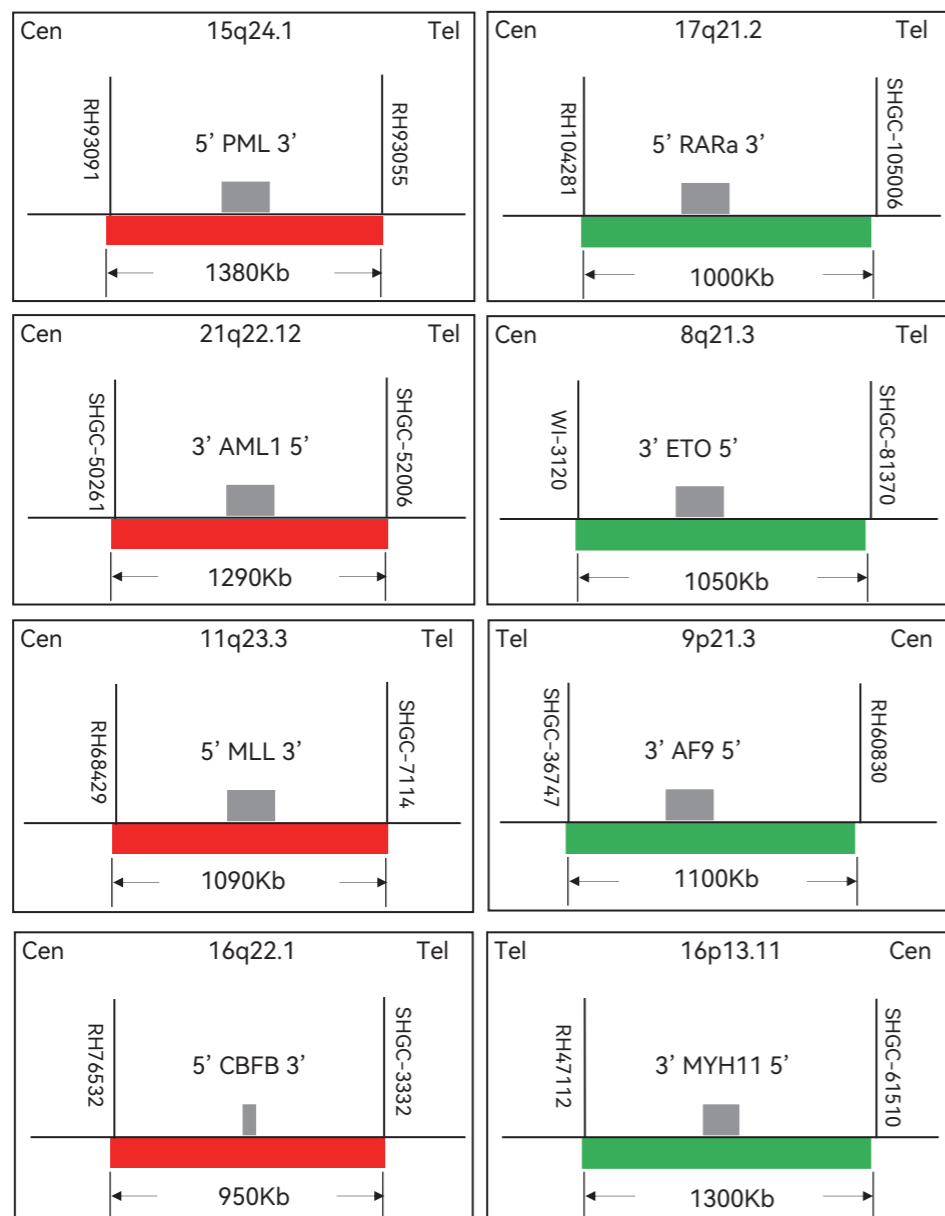
The Chronic Eosinophilic Leukemia FISH Probe Kit is designed to detect rearrangements involving the FGFR1, PDGFRA, PDGFRB gene via fluorescence in situ hybridization (FISH) in peripheral blood specimens or bone marrow from patients with Chronic Eosinophilic Leukemia.

- FGFR1 (8p11.23): 550 Kb orange probe at 3' end, 370 Kb green probe at 5' end.
- PDGFRA (4q12): 430 Kb orange probe at 3' end, 430 Kb green probe at 5' end.
- PDGFRB (5q32): 600 Kb orange probe at 3' end, 800 Kb green probe at 5' end.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Chronic Eosinophilic Leukemia FISH Probe Kit	JLB401009-5	5 Tests	CE, ASR	below -15°C
	JLB401009-10	10 Tests		
	JLB401009-20	20 Tests		

Acute Myelocytic Leukemia FISH Probe Kit



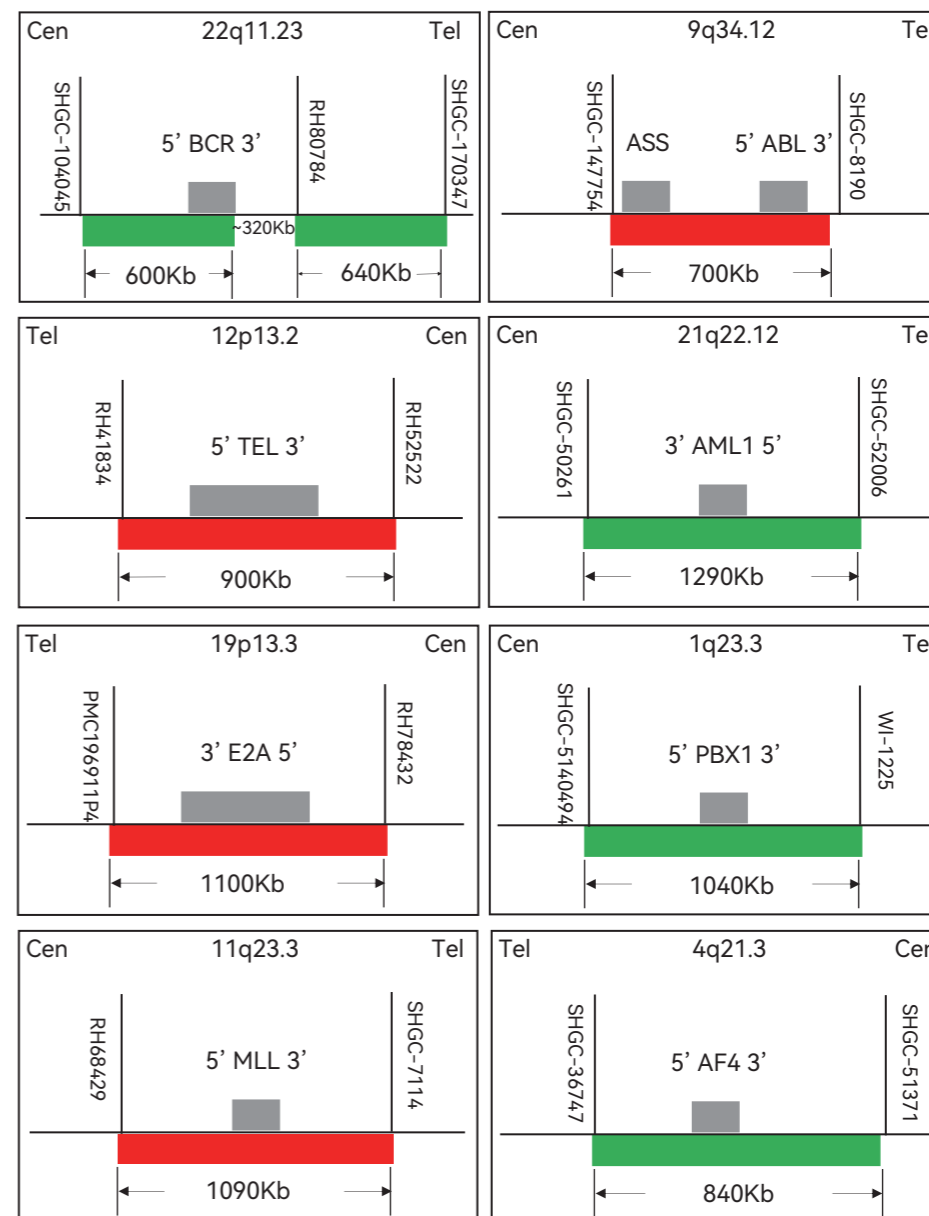
The Acute Myelocytic Leukemia FISH Probe Kit is designed to detect Dual Fusion Translocation of the PML/RAR α , AML1/ETO, MLL/AF9, CBFB/MYH11 gene via fluorescence in situ hybridization (FISH) in peripheral blood specimens or bone marrow from patients with Acute Myelocytic Leukemia (AML).

- PML (15q24.1): 1380 Kb orange probe; RAR α (17q21.2): 1000 Kb green probe.
- AML (21q22.12): 1290 Kb orange probe; ETO (8q21.3): 1050 Kb green probe.
- MLL (11q23.3): 1090 Kb orange probe; AF9 (9p21.3): 1100 Kb green probe.
- CBFB (16q22.1): 950 Kb orange probe; MYH11 (16p13.11): 1300 Kb green probe.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Acute Myelocytic Leukemia FISH Probe Kit	JLB401012-5	5 Tests	CE, ASR	below -15°C
	JLB401012-10	10 Tests		
	JLB401012-20	20 Tests		

Acute Lymphoblastic Leukemia FISH Probe Kit



The Acute Lymphoblastic Leukemia FISH Probe Kit is designed to detect Dual Fusion Translocation of the BCR/ABL, TEL/AML1, E2A/PBX1, MLL/AF4 gene via fluorescence in situ hybridization (FISH) in peripheral blood specimens or bone marrow from patients with Acute Lymphoblastic Leukemia.

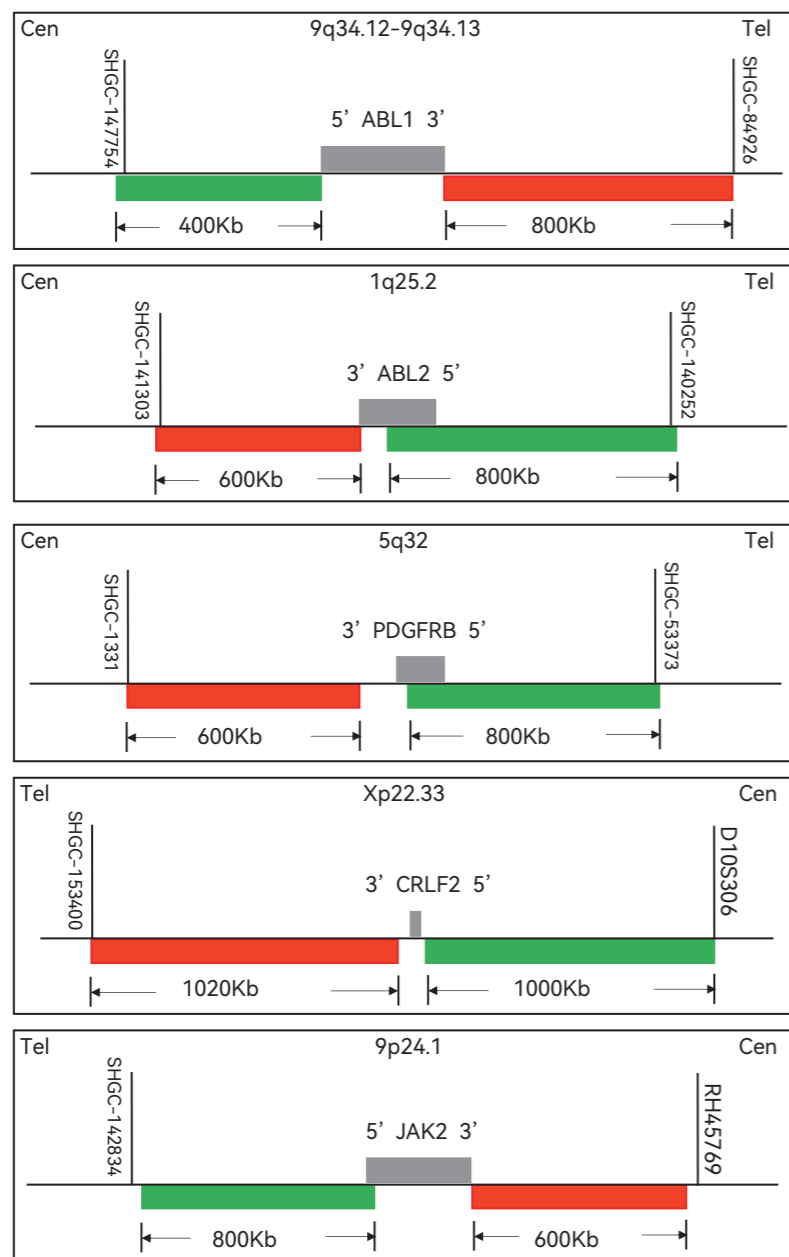
- BCR (22q11.23): 600/640 Kb orange probe; ABL (9q34.12): 700 Kb green probe.
- TEL (12p13.2): 900 Kb orange probe; AML1 (21q22.12): 1290 Kb green probe.
- E2A (19p13.3): 1100 Kb orange probe; PBX1 (1q23.3): 1040 Kb green probe.
- MLL (11q23.3): 1090 Kb orange probe; AF4 (4q21.3): 840 Kb green probe.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Acute Lymphoblastic Leukemia FISH Probe Kit	JLB401013-5	5 Tests	CE, ASR	below -15°C
	JLB401013-10	10 Tests		
	JLB401013-20	20 Tests		

Ph-Like Acute Lymphoblastic Leukemia FISH Probe Kit

CE ASR



The Ph-Like Acute Lymphoblastic Leukemia FISH Probe Kit is used to detect Philadelphia chromosome-like (Ph-like) genetic alterations in acute lymphoblastic leukemia patients. It identifies specific chromosomal rearrangements and gene fusions that mimic Philadelphia chromosome-positive ALL, enabling accurate diagnosis, risk stratification, and selection of targeted therapies for this high-risk ALL subtype.

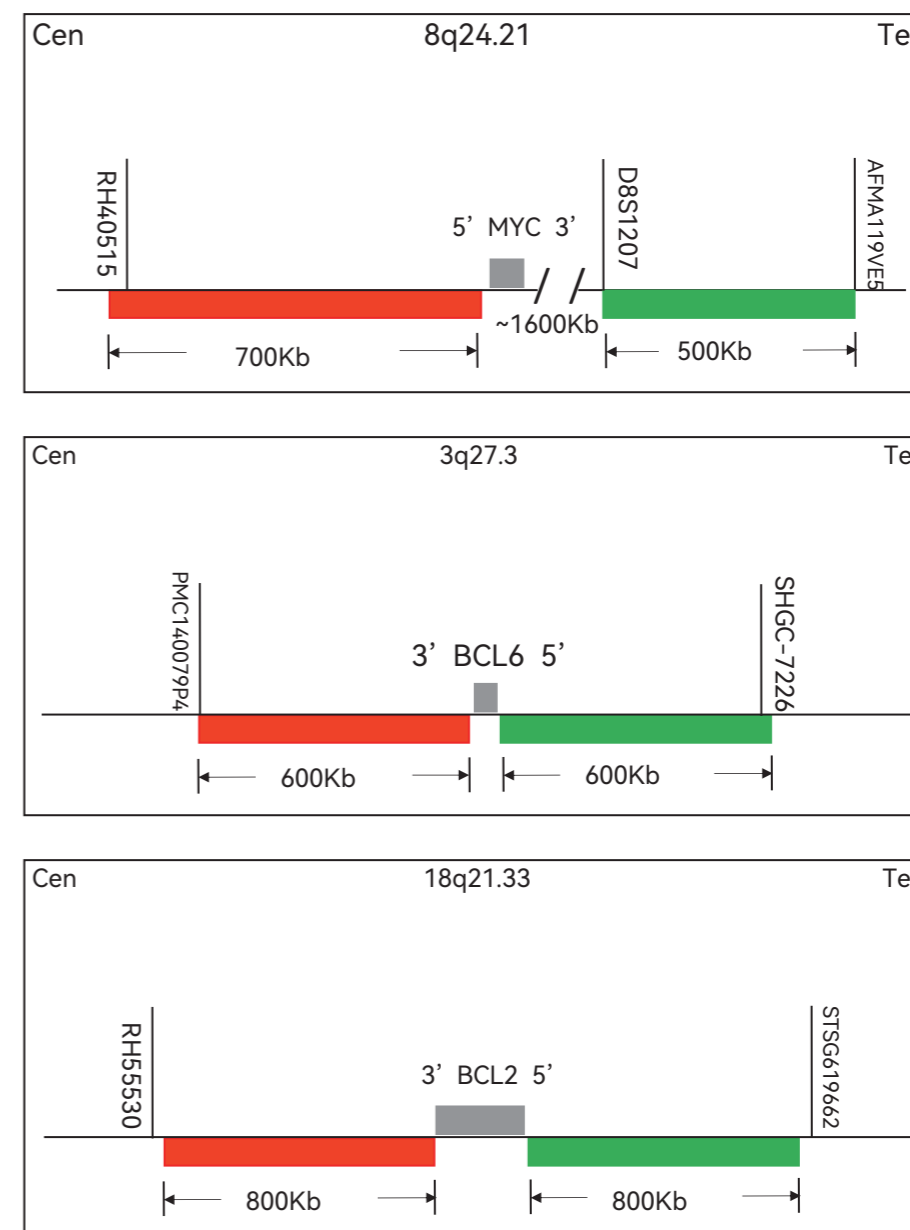
- ABL1 (9q34.12): 800 Kb orange probe at 3' end, 400 Kb green probe at 5' end.
- ABL2 (1q25.2): 800 Kb orange probe at 3' end, 600 Kb green probe at 5' end.
- PDGFRB (5q32): 600 Kb orange probe at 3' end, 800 Kb green probe at 5' end.
- CRLF2 (Xp22.33): 1020 Kb orange probe at 3' end, 1000 Kb green probe at 5' end.
- JAK2 (9p24.1): 600 Kb orange probe at 3' end, 800 Kb green probe at 5' end.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Ph-Like Acute Lymphoblastic Leukemia FISH Probe Kit	JLB401018-5	5 Tests	CE, ASR	below -15°C
	JLB401018-10	10 Tests		
	JLB401018-20	20 Tests		

Triple-Hit Lymphoma FISH Probe Kit

CE ASR



The Triple-Hit Lymphoma FISH Probe Kit is a test used in hematopathology for the detection and characterization of aggressive B-cell lymphomas. It is for the identification of double hit lymphoma and triple hit lymphoma, both of which show morphologic features intermediate between diffuse large B-Cell lymphoma and Burkitt Lymphoma. It specifically targets chromosomal rearrangements involving three key oncogenes: MYC, BCL2, and BCL6.

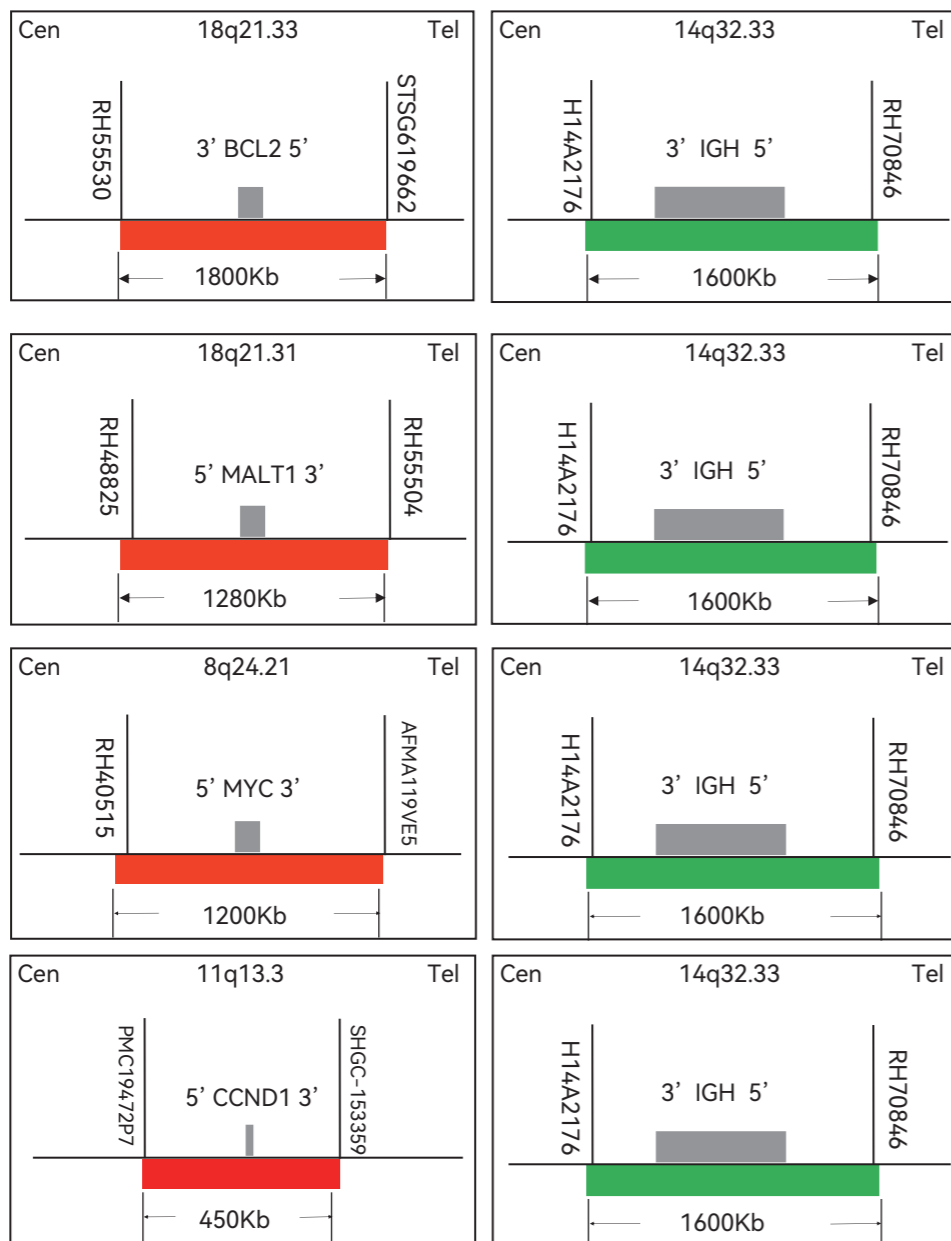
- MYC gene (8q24.21): 500 Kb green probe at 3' end, 700 Kb orange probe at 5' end.
- BCL6 gene (3q27.3): 600 Kb orange probe at 3' end, 600 Kb green probe at 5' end.
- BCL2 gene (18q21.33): 800 Kb orange probe at 3' end, 800 Kb green probe at 5' end.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Triple-Hit Lymphoma FISH Probe Kit	JLB401014-5	5 Tests	CE, ASR	below -15°C
	JLB401014-10	10 Tests		
	JLB401014-20	20 Tests		

Non-Hodgkin's Lymphoma FISH Probe Kit

CE ASR



The Non-Hodgkin's Lymphoma FISH Probe Kit is used to detect specific chromosomal abnormalities and gene rearrangements in non-Hodgkin lymphomas. It enables accurate subtype classification, prognostic assessment, and treatment selection by identifying key genetic markers such as translocations involving BCL2, BCL6, MYC, and other oncogenes critical for NHL diagnosis and management.

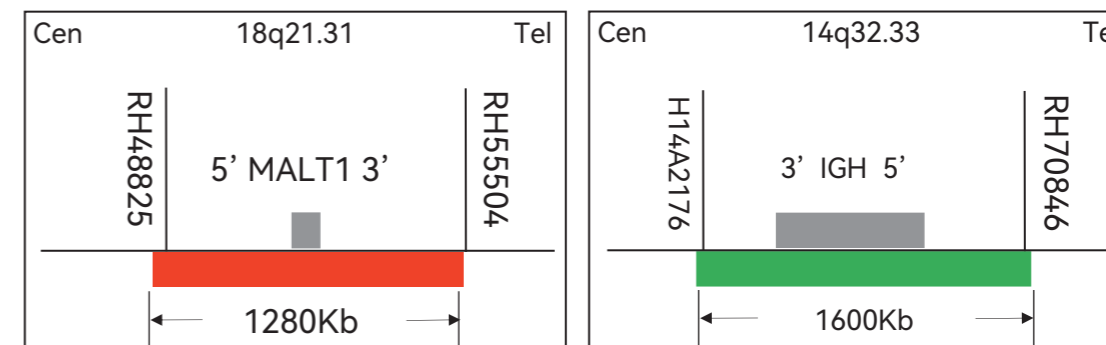
- BCL2-IGH: BCL2 (18q21.33, 1800kb, orange) + IGH (14q32.33, 1600kb, green).
- MALT1-IGH: MALT1 (18q21.31, 1280kb, orange) + IGH (14q32.33, 1600kb, green).
- MYC-IGH: MYC (8q24.21, 1200kb, orange) + IGH (14q32.33, 1600kb, green).
- CCND1-IGH: CCND1 (11q13.3, 450kb, orange) + IGH (14q32.33, 1600kb, green).

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Non-Hodgkin's Lymphoma FISH Probe Kit	JLB401020-5	5 Tests	CE, ASR	below -15°C
	JLB401020-10	10 Tests		
	JLB401020-20	20 Tests		

MALT1/IGH Dual Color, Dual Fusion Translocation FISH Probe Kit

CE ASR



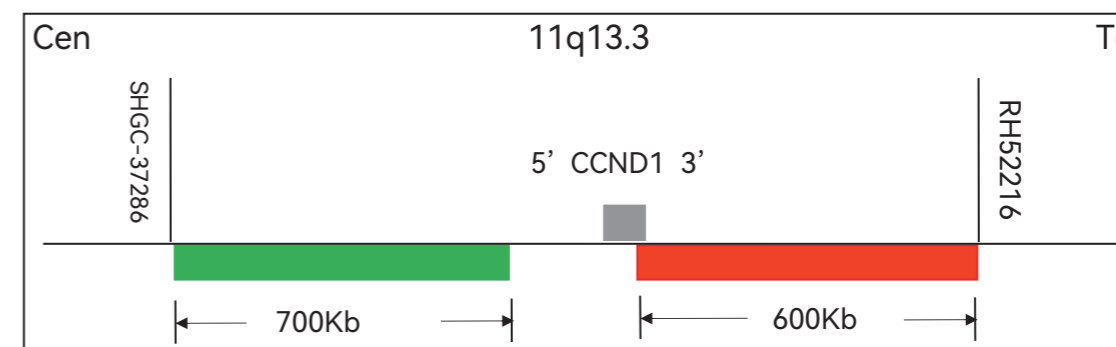
The MALT1 probe is located on chromosome 18 and the IGH probe is located on chromosome 14. A 1280 Kb probe covering the MALT1 gene region at 18q21.31 is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with a green dye. It detects t(14;18)(q32;q21) chromosomal translocation in MALT lymphomas. It identifies patients who may not respond to antibiotic therapy for H. pylori eradication, enabling clinicians to select appropriate alternative treatments such as radiation therapy or chemotherapy for gastric MALT lymphoma.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MALT1/IGH Dual Color, Dual Fusion Translocation FISH Probe Kit	JLB401027-5	5 Tests	CE, ASR	below -15°C
	JLB401027-10	10 Tests		
	JLB401027-20	20 Tests		

CCND1 Break Apart FISH Probe Kit

CE ASR



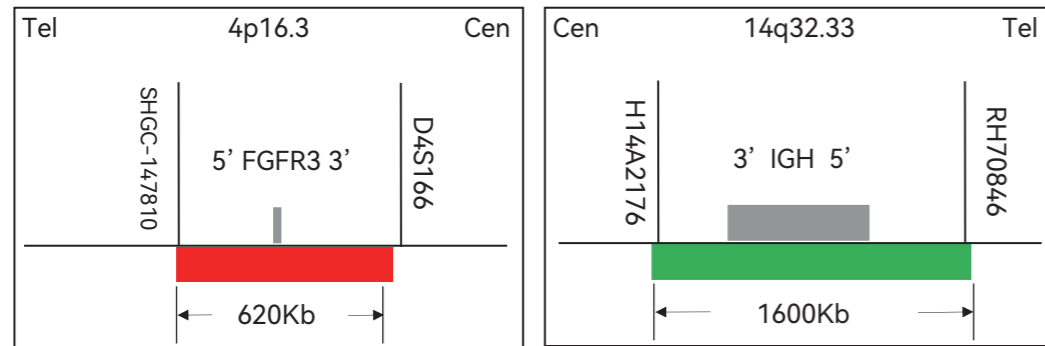
The CCND1 gene is located on chromosome 11q13.3. The CCND1 Break Apart FISH probe is designed to label both ends of the CCND1 gene, respectively. A 600 Kb orange probe is designed at the 3' end of the CCND1 gene, and a 700 Kb green probe is designed at the 5' end of the CCND1 gene. The chromosomal translocation t(11;14)(q13;q32) represents the characteristic genetic alteration in mantle cell lymphoma (MCL) and occurs in roughly 30% of multiple myeloma (MM) cases featuring 14q32 rearrangements. Alternative translocations may join CCND1 with different genes, including IGH or IGL.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
CCND1 Break Apart FISH Probe Kit	JLB401040-5	5 Tests	CE, ASR	below -15°C
	JLB401040-10	10 Tests		
	JLB401040-20	20 Tests		

FGFR3/IGH Dual Color, Dual Fusion FISH Probe Kit

CE ASR



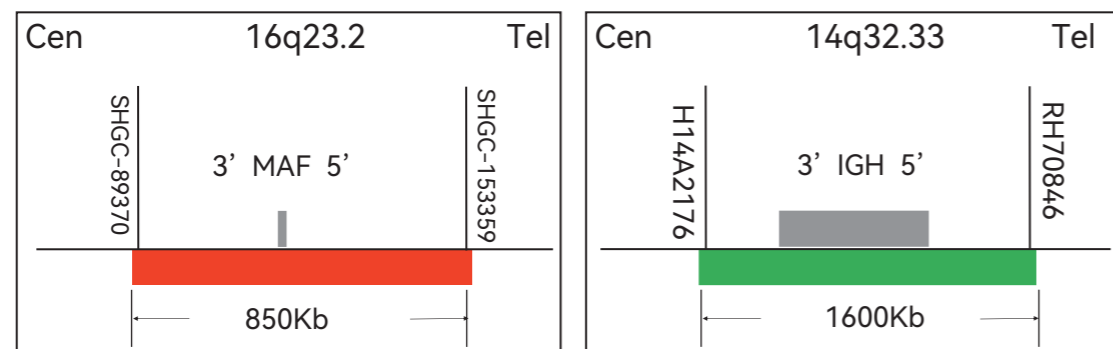
The FGFR3 probe is located on chromosome 4 and the IGH probe is located on chromosome 14. A 620 Kb probe covering the FGFR3 gene region at 4p16.3 is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with a green dye. Fibroblast growth factor receptor (FGFR) gene family translocations are associated with pan-cancer targeted therapy.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
FGFR3/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401059- 5	5 Tests	CE, ASR	below -15°C
	JLB401059-10	10 Tests		
	JLB401059-20	20 Tests		

MAF/IGH Dual Color, Dual Fusion FISH Probe Kit

CE ASR



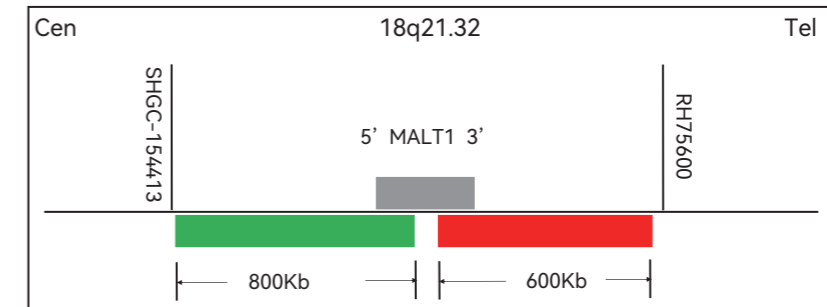
The MAF probe is located on chromosome 16 and the IGH probe is located on chromosome 14. A 850 Kb probe covering the MAF gene region at 16q23.2 is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with a green dye. The t(14;16)(q32;q22) translocation occurs in 2-6% of primary MM cases, is commonly found in non-hyperdiploid tumors (NHRD) within MGUS, and is associated with early tumor development.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MAF/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401060- 5	5 Tests	CE, ASR	below -15°C
	JLB401060-10	10 Tests		
	JLB401060-20	20 Tests		

MALT1 Break Apart FISH Probe Kit

CE ASR



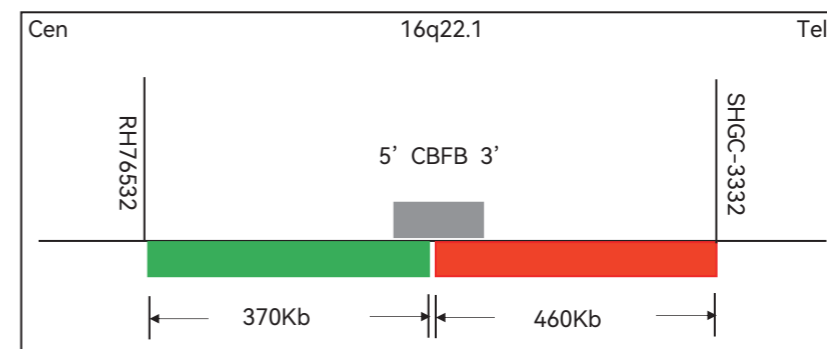
The MALT1 gene is located on chromosome 18q21.32. The MALT1 Break Apart FISH probe is designed to label both ends of the MALT1 gene, respectively. A 600 Kb orange probe is designed at the 3' end of the MALT1 gene, and a 800 Kb green probe is designed at the 5' end of the MALT1 gene. The MALT1 gene was identified through t(11;18)(q21;q21), found in 30% of MALT lymphomas. This translocation is exclusive to MALT lymphomas and absent in nodal/splenic marginal zone lymphomas, diffuse large B-cell lymphomas, or other NHLs. The second most common translocation in MALT lymphoma is t(14;18)(q32;q21) IGH/MALT1, predominantly occurring in non-gastric MALT lymphomas and present in 5-25% of cases in ocular adnexa, lung, salivary gland, and skin.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MALT1 Break Apart FISH Probe Kit	JLB401041- 5	5 Tests	CE, ASR	below -15°C
	JLB401041-10	10 Tests		
	JLB401041-20	20 Tests		

CBFB Break Apart FISH Probe Kit

CE ASR



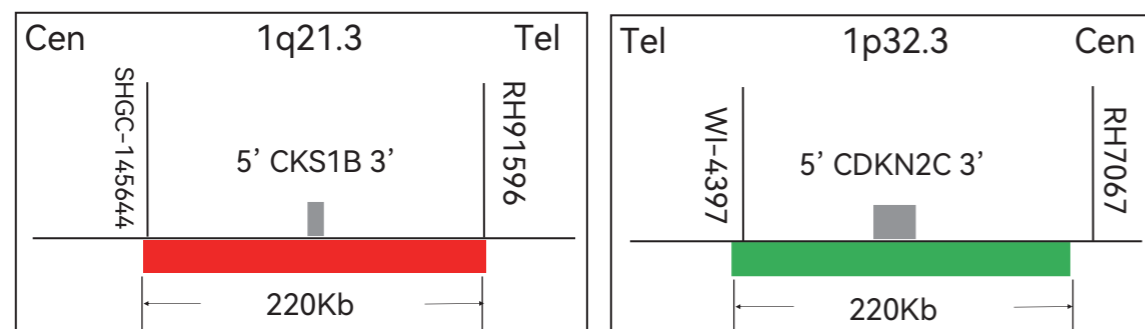
The CBFB gene is located on chromosome 16q22.1. The CBFB Break Apart FISH probe is designed to label both ends of the CBFB gene, respectively. A 460 Kb orange probe is designed at the 3' end of the CBFB gene, and a 370 Kb green probe is designed at the 5' end of the CBFB gene. Used to detect inv(16)(p13;q22), which occurs in 20% of AML M4 patients and less frequently in M2, M5, and M4 (without eosinophilia). Associated with good prognosis.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
CBFB Break Apart FISH Probe Kit	JLB401036- 5	5 Tests	CE, ASR	below -15°C
	JLB401036-10	10 Tests		
	JLB401036-20	20 Tests		

1q21/1p32 FISH Probe Kit

CE ASR



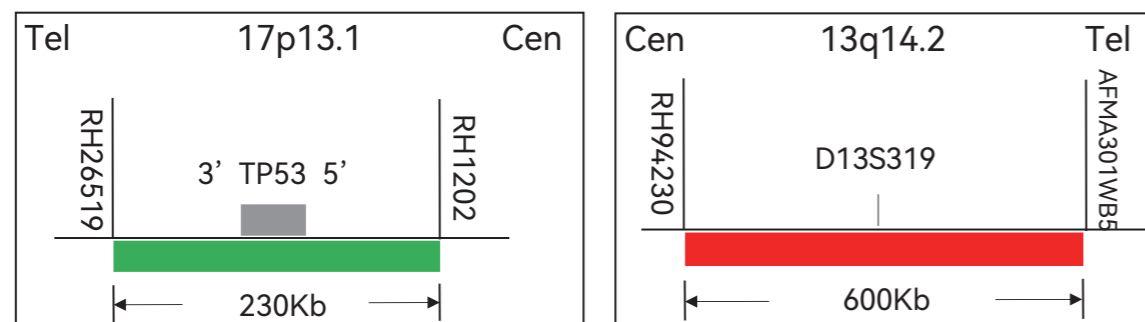
A 220 Kb probe covering the 1q21(CKS1B) gene region is labeled with an orange dye, and A 220 Kb probe covering the 1p32(CDKN2C) gene region is labeled with a green dye. 1p32 deletion occurs in 8.3% of multiple myeloma patients and correlates with reduced PFS and OS in MM patients treated with thalidomide. 1p32 deletion serves as an independent adverse prognostic factor, while 1q21 amplification patients show shorter PFS than those with 1q21 gain.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
1q21/1p32 FISH Probe Kit	JLB401065- 5	5 Tests	CE, ASR	below -15°C
	JLB401065-10	10 Tests		
	JLB401065-20	20 Tests		

P53/D13S319 FISH Probe Kit

CE ASR



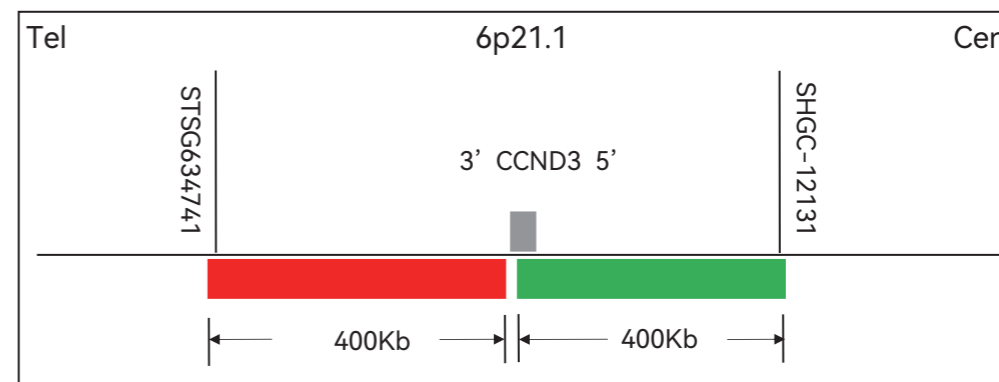
A 230 Kb probe covering the TP53(17p13.1) gene region is labeled with a green dye, and A 600 Kb probe covering the D13S319(13q14.2) gene region is labeled with an orange dye. Detects TP53 deletions and D13S319/13q14 deletions in chronic lymphocytic leukemia for risk stratification and treatment decisions. TP53 alterations indicate high-risk disease with chemotherapy resistance, while D13S319 deletions are associated with favorable outcomes. Aids in identifying CLL patients eligible for targeted therapies like venetoclax.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
P53/D13S319 FISH Probe Kit	JLB401066- 5	5 Tests	CE, ASR	below -15°C
	JLB401066-10	10 Tests		
	JLB401066-20	20 Tests		

CCND3 Break Apart FISH Probe Kit

CE ASR



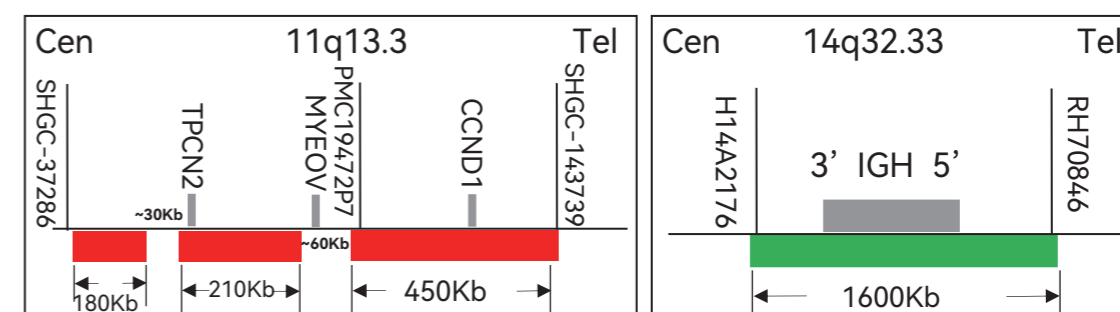
The CCND3 gene is located on chromosome 6p21.1. The CCND3 Break Apart FISH probe is designed to label both ends of the CCND3 gene, respectively. A 400 Kb orange probe is designed at the 3' end of the CCND3 gene, and a 400 Kb green probe is designed at the 5' end of the CCND3 gene. Rearrangements and abnormal expression of the CCND3 gene have been observed in several types of hematological malignancies such as multiple myeloma (MM), chronic lymphocytic leukemia (CLL), acute lymphoblastic leukemia (ALL), acute myeloid leukemia (AML) and others.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
CCND3 Break Apart FISH Probe Kit	JLB401067- 5	5 Tests	CE, ASR	below -15°C
	JLB401067-10	10 Tests		
	JLB401067-20	20 Tests		

MYEOV/IGH Dual Color, Dual Fusion FISH Probe Kit

CE ASR



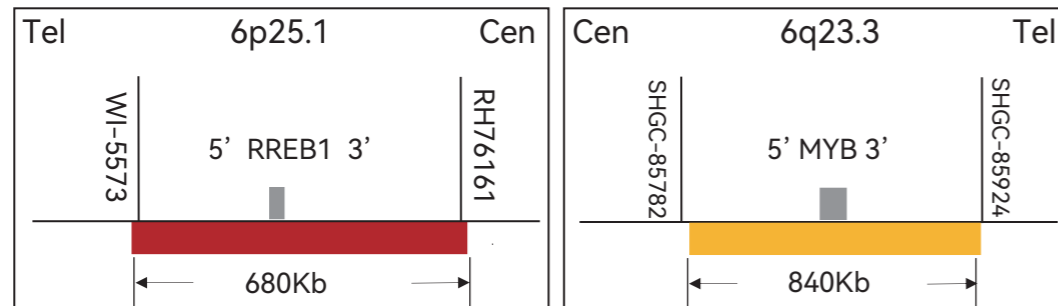
The MYEOV probe is located on chromosome 11 and the IGH probe is located on chromosome 14. A 930 Kb probe covering the MYEOV gene region at 11q13.3 is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with a green dye. In multiple myeloma (MM), t(11;14) is the most common translocation, detectable by FISH in about 15-20% of all MM patients.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MYEOV/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401068- 5	5 Tests	CE, ASR	below -15°C
	JLB401068-10	10 Tests		
	JLB401068-20	20 Tests		

Melanoma FISH Probe Kit

CE ASR



The RREB1(6p25.1) probe and MYB(6q23.3) probe are located on chromosome 6 and the CCND1(11q13.3) probe is located on chromosome 11. A 680 Kb probe covering the RREB1 gene region is labeled with a red dye. A 840 Kb probe covering the MYB gene region is labeled with a golden dye. A 450 Kb probe covering the CCND1 gene region is labeled with a green dye. The CEN 6 probe, labeled with Aqua, hybridizes to the alpha satellite DNA located at the centromere of chromosome 6 (6p11.1-q11.1).

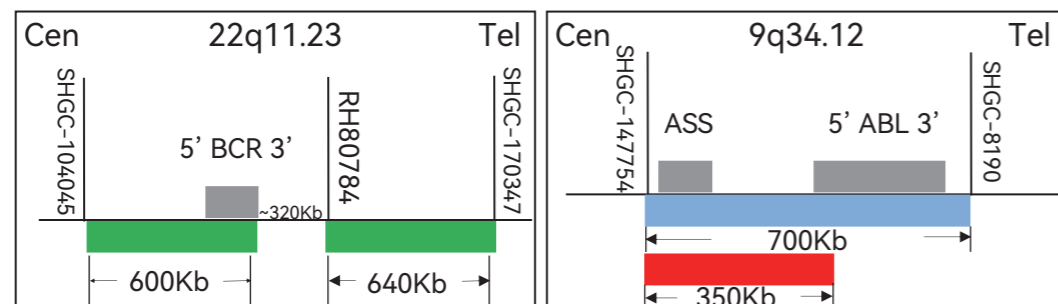
Aids in diagnosis of histologically ambiguous melanocytic lesions, distinguishing early stage acral and cutaneous melanomas from dysplastic nevi. Targets RREB1, MYB, CCND1, and centromere 6 to detect copy number aberrations. Used when morphological features alone cannot determine malignant potential, providing molecular support for challenging diagnostic decisions.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Melanoma FISH Probe Kit	JLB401047-5 JLB401047-10 JLB401047-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

BCR/ABL1/ASS1 Tri-Color Dual Fusion FISH Probe Kit

CE ASR



The BCR(22q11.23) probe is located on chromosome 22. The ABL1(9q34.12) probe and the ASS1(9q34.12) are located on chromosome 9. A 600 Kb probe covering the BCR gene region is labeled with a green dye. A 700 Kb probe covering the ABL1 gene region is labeled with an aqua dye. A 350 Kb probe covering the ASS1 gene region is labeled with an orange dye.

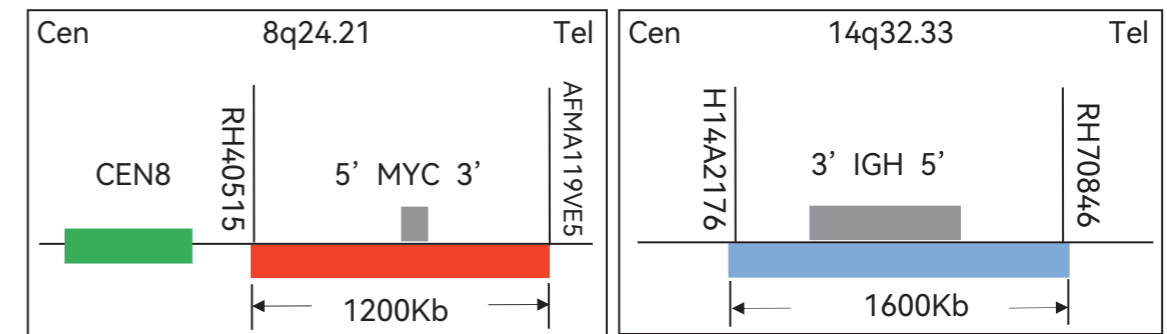
BCR/ABL fusion gene is a hallmark of CML and is also present in 30% of adult ALL, approximately 10% of pediatric ALL, and a small percentage of AML; it indicates extremely poor prognosis in ALL. Detects BCR-ABL1 fusion in chronic myelogenous leukemia (CML) for diagnosis and monitors minimal residual disease during therapy. Highly sensitive in identifying derivative chromosome 9 deletions and distinguishes true fusion signals from random overlaps in imatinib-resistant CML patients, enabling accurate treatment response assessment.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
BCR/ABL1/ASS1 Tri-Color Dual Fusion FISH Probe Kit	JLB401048-5 JLB401048-10 JLB401048-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

IGH/MYC/CEN8 Tri-Color Dual Fusion Probe Kit

CE ASR



The MYC probe is located on chromosome 8 and the IGH probe is located on chromosome 14. A 1200 Kb probe covering the MYC gene region at 8q24.21 is labeled with an orange dye, and part of chromosome 8 (CEN8) is labeled with a green dye. A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with an aqua dye.

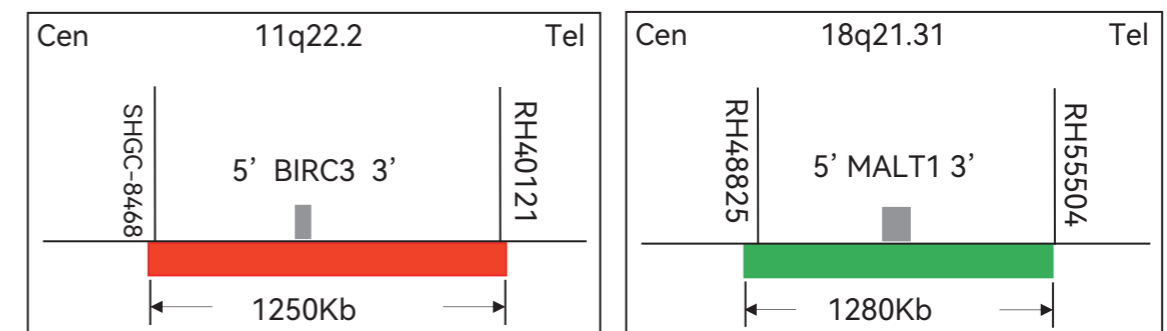
Detects IGH-MYC fusion for diagnosing Burkitt lymphoma and aggressive B-cell lymphomas. Serves as diagnostic, prognostic and predictive biomarker for disease risk stratification and therapy selection. Identifies "double-hit" lymphomas with concurrent IGH-MYC rearrangements showing highly aggressive clinical behavior. Essential for distinguishing lymphoma subtypes.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
IGH/MYC/CEN8 Tri-Color Dual Fusion Probe Kit	JLB401044-5 JLB401044-10 JLB401044-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

BIRC3/MALT1 Dual Fusion FISH Probe Kit

CE ASR



The BIRC3 probe is located on chromosome 11 and the MALT1 probe is located on chromosome 14. A 1250 Kb probe covering the BIRC3 gene region at 11q22.2 is labeled with an orange dye. A 1280 Kb probe covering the MALT1 gene region at 18q21.31 is labeled with a green dye.

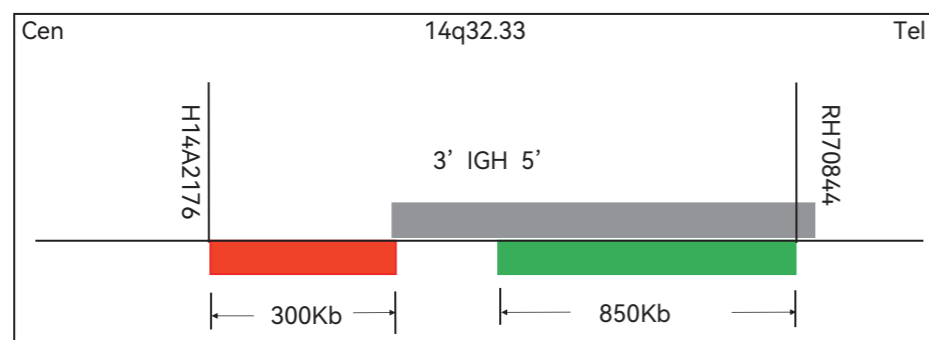
Detects t(11;18)(q21;q21) translocation in MALT lymphoma for diagnosis and treatment selection. Identifies resistance to Helicobacter pylori eradication therapy in gastric MALT lymphoma cases. Present in approximately 30% of MALT lymphomas, serving as a clonal marker for antigen-independent growth and guiding therapeutic decisions.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
BIRC3/MALT1 Dual Fusion FISH Probe Kit	JLB401046-5 JLB401046-10 JLB401046-20	5 Tests 10 Tests 20 Tests	CE, ASR	below -15°C

IGH Break Apart FISH Probe Kit

CE ASR



The IGH gene is located on chromosome 14q32.33. The IGH Break Apart FISH probe is designed to label both ends of the IGH gene, respectively. A 300 Kb orange probe is designed at the 3' end of the IGH gene, and a 850 Kb green probe is designed at the 5' end of the IGH gene.

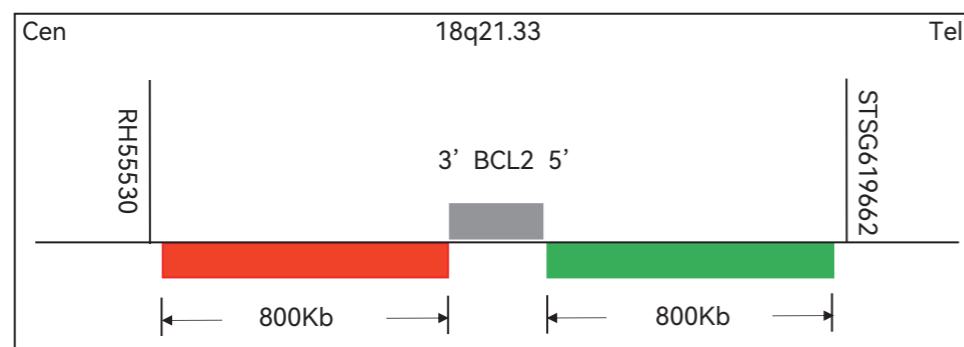
IGH gene breaks and translocations are complex, involving multiple genes, commonly found in ALL/MM/lymphomas. In ALL, IGH-MYC reciprocal translocations have the highest frequency. IGH translocations with other genes are also common in both T-ALL and B-ALL.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
IGH Break Apart FISH Probe Kit	JLB401053-5	5 Tests	CE, ASR	below -15°C
	JLB401053-10	10 Tests		
	JLB401053-20	20 Tests		

BCL2 Break Apart FISH Probe Kit

CE ASR



The BCL2 gene is located on chromosome 18q21.33. The BCL2 Break Apart FISH probe is designed to label both ends of the BCL2 gene, respectively. A 800 Kb orange probe is designed at the 3' end of the BCL2 gene, and a 800 Kb green probe is designed at the 5' end of the BCL2 gene.

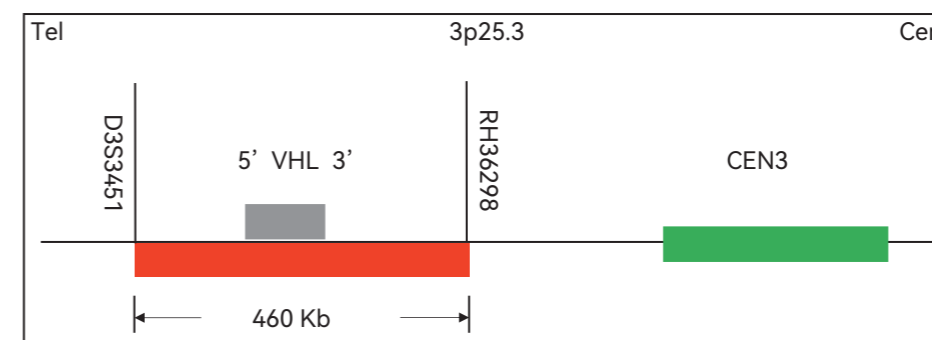
BCL2 gene rearrangements occur in 50% of follicular lymphomas, 23.3% of B-cell lymphomas, and approximately 15% of diffuse large B-cell lymphomas. This translocation results in overexpression of the anti-apoptotic BCL2 protein, which likely constitutes the primary event in malignant transformation.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
BCL2 Break Apart FISH Probe Kit	JLB401054-5	5 Tests	CE, ASR	below -15°C
	JLB401054-10	10 Tests		
	JLB401054-20	20 Tests		

VHL FISH Probe Kit

CE ASR



The VHL/CEN3 probe is located on chromosome 3. A 460 kb probe covering the VHL gene region at 3p25.3 is labeled with an orange dye, and part of chromosome 3 (CEN3) is labeled with a green dye.

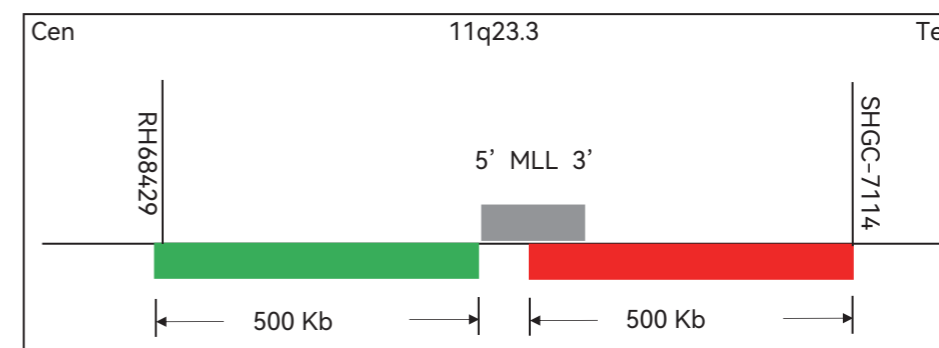
Detects VHL gene deletions in renal cell carcinomas, particularly clear cell type where 3p25 deletion is found in 57.2% of clear cell carcinomas. Used for diagnosing von Hippel-Lindau disease-associated tumors and distinguishing RCC subtypes. Loss of heterozygosity at chromosome 3p and VHL inactivation is the most frequent genetic change in conventional renal cell carcinomas.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
VHL FISH Probe Kit	JLB401031-5	5 Tests	CE, ASR	below -15°C
	JLB401031-10	10 Tests		
	JLB401031-20	20 Tests		

MLL Break Apart FISH Probe Kit

CE ASR



The MLL gene is located on chromosome 11q23.3. The MLL Break Apart FISH probe is designed to label both ends of the MLL gene, respectively. A 500 Kb orange probe is designed at the 3' end of the MLL gene, and a 400 Kb green probe is designed at the 5' end of the MLL gene.

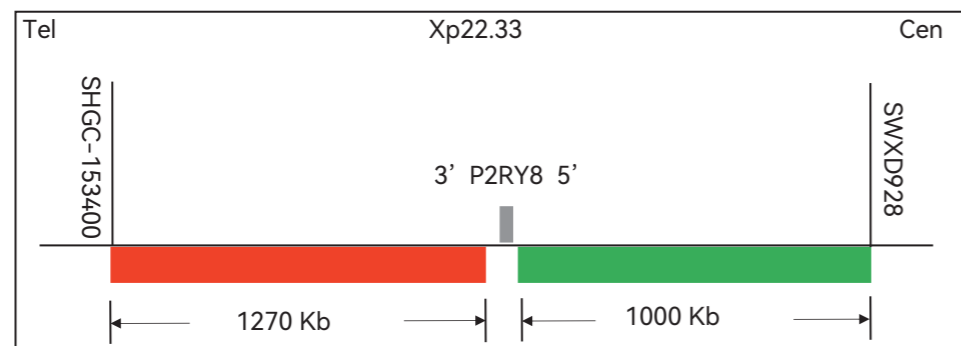
Detects MLL (KMT2A) rearrangements at 11q23.3 in acute myeloid leukemia (AML) and acute lymphoblastic leukemia (ALL). Shows 60-80% incidence in infant acute leukemia cases. Used for diagnosis, prognosis assessment, and disease monitoring. Assists in diagnostic aid for confirmed or suspected ALL and AML patients. Essential for identifying therapy-related leukemias and treatment stratification.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
MLL Break Apart FISH Probe Kit	JLB401032-5	5 Tests	CE, ASR	below -15°C
	JLB401032-10	10 Tests		
	JLB401032-20	20 Tests		

P2RY8 Break Apart FISH Probe Kit

CE ASR



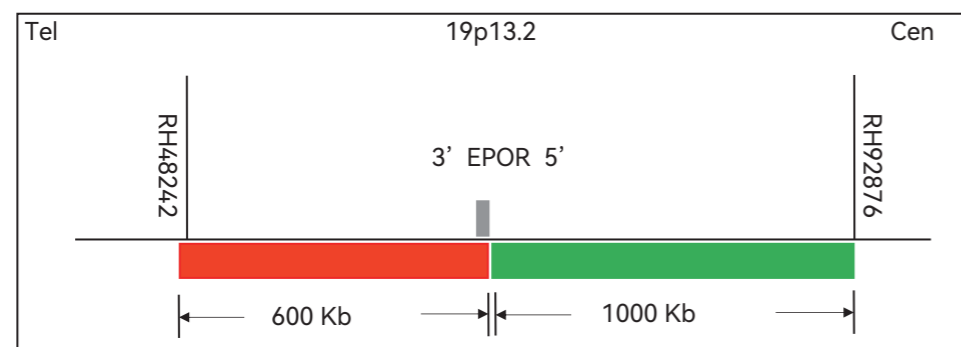
The P2RY8 gene is located on chromosome Xp22.33. The P2RY8 Break Apart FISH probe is designed to label both ends of the P2RY8 gene, respectively. A 1270 Kb orange probe is designed at the 3' end of the P2RY8 gene, and a 1000 Kb green probe is designed at the 5' end of the P2RY8 gene. Detects P2RY8 rearrangements in BCR-ABL1-like ALL (Philadelphia chromosome-like acute lymphoblastic leukemia), particularly P2RY8-CRLF2 fusion-positive childhood acute lymphoblastic leukemia cases associated with increased relapse risk. Used to identify P2RY8/IGH translocations in B-ALL patients with aggressive clinical course and poor prognosis. Essential for targeted therapy selection in treatment-resistant ALL cases.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
P2RY8 Break Apart FISH Probe Kit	JLB401029-5	5 Tests	CE, ASR	below -15°C
	JLB401029-10	10 Tests		
	JLB401029-20	20 Tests		

EPOR Break Apart FISH Probe Kit

CE ASR



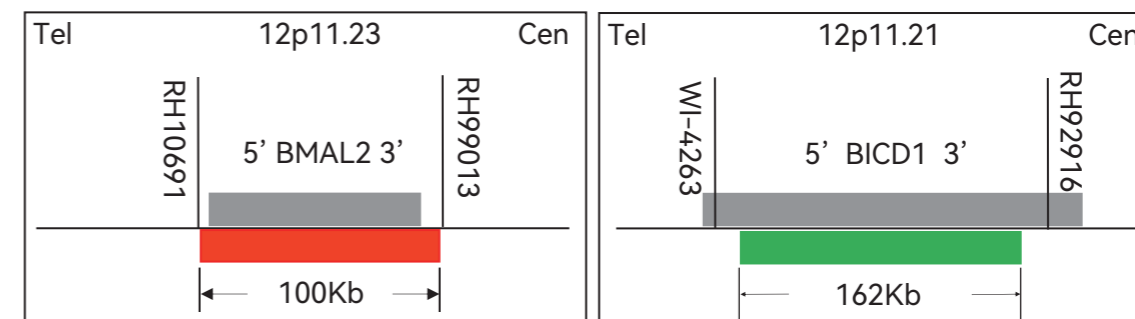
The EPOR gene is located on chromosome 19p13.2. The EPOR Break Apart FISH probe is designed to label both ends of the EPOR gene, respectively. A 600 Kb orange probe is designed at the 3' end of the EPOR gene, and a 1000 Kb green probe is designed at the 5' end of the EPOR gene. Detects IGH-EPOR fusion in BCR-ABL1-like acute lymphoblastic leukemia, a high-risk ALL subtype with poor prognosis. Identifies EPOR rearrangements leading to increased EPOR expression and activated kinase signaling. Used for diagnosing rare cytokine receptor alterations in treatment-resistant ALL cases requiring targeted therapy approaches.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
EPOR Break Apart FISH Probe Kit	JLB401030-5	5 Tests	CE, ASR	below -15°C
	JLB401030-10	10 Tests		
	JLB401030-20	20 Tests		

BMAL2/BICD1 FISH Probe Kit

CE ASR



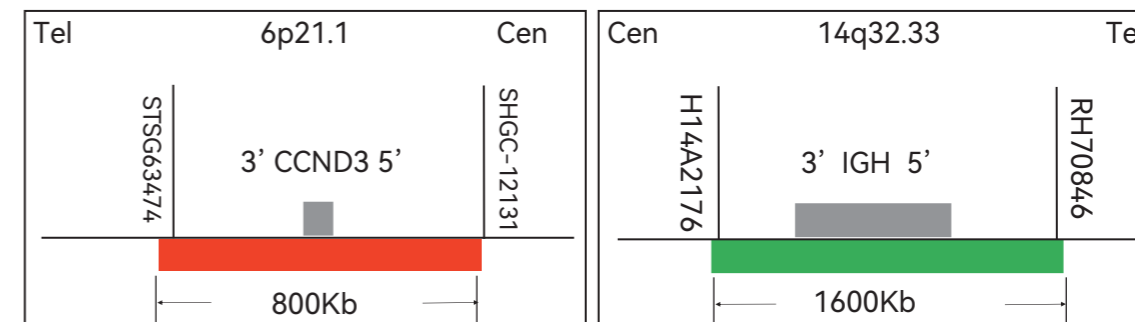
The BMAL2/BICD1 probe is located on chromosome 12. A 100 Kb probe covering the BMAL2 gene region at 12p11.23 is labeled with an orange dye, A 162 Kb probe covering the BICD1 gene region at 12p11.21 is labeled with a green dye. BMAL2 is highly expressed in AML patients, and promotes aerobic glycolysis by enhancing the expression of HIF1A, thereby promoting cell proliferation. Abnormal function of BICD1 may affect the growth and division of cells.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
BMAL2/BICD1 FISH Probe Kit	JLB401063-5	5 Tests	CE, ASR	below -15°C
	JLB401063-10	10 Tests		
	JLB401063-20	20 Tests		

CCND3/IGH Dual Color, Dual Fusion FISH Probe Kit

CE ASR



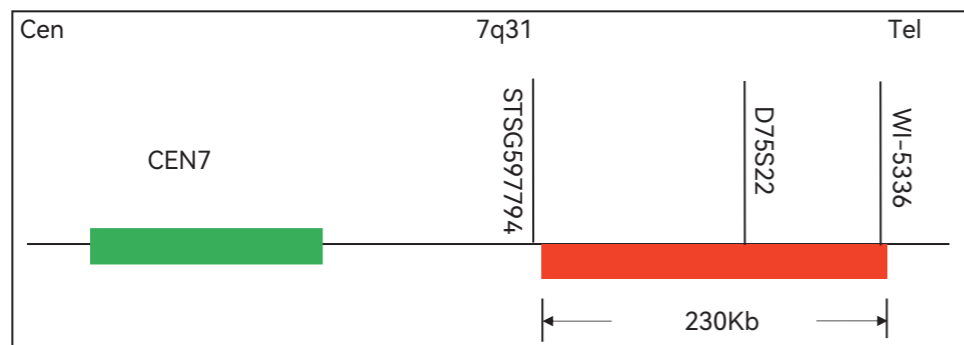
The CCND3 probe is located on chromosome 6 and the IGH probe is located on chromosome 14. A 800 Kb probe covering the CCND3 gene region at 6p21.1 is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with a green dye. Detects t(6;14) CCND3-IGH translocations in multiple myeloma patients as diagnostic aid and assists in disease monitoring. CCND3-IGH translocations are reported in plasma cell leukemia, diffuse large B-cell lymphoma (DLBCL) and splenic lymphomas with villous lymphocytes (SLVL). Used for identifying cyclin D3 dysregulation in B-cell malignancies and treatment stratification.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
CCND3/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401064-5	5 Tests	CE, ASR	below -15°C
	JLB401064-10	10 Tests		
	JLB401064-20	20 Tests		

D7S522/CEN7 FISH Probe Kit

CE ASR



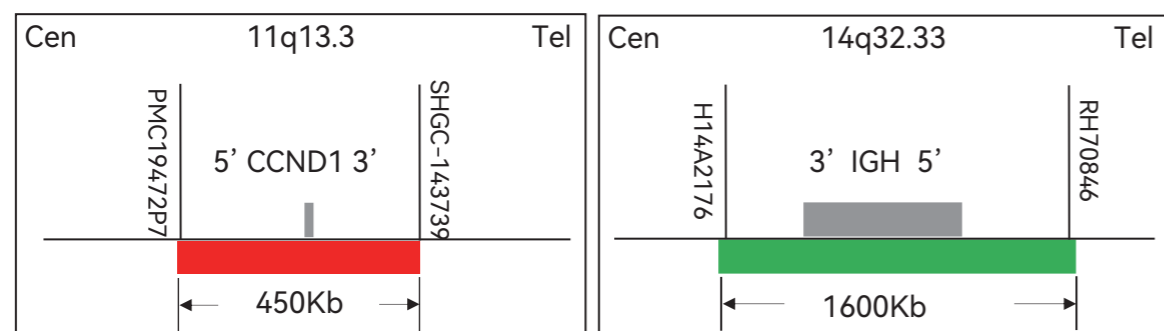
The D7S522/CEN7 probe is located on chromosome 7. A 310 Kb probe covering the D7S522 gene region at 7q31 is labeled with an orange dye, and part of chromosome 7 (CEN7) is labeled with a green dye. Detects copy number of chromosome 7q31 and 7p11.1-q11.1 regions. Monosomy 7 and loss of chromosome 7q are observed in myeloid malignancies such as myelodysplastic syndromes (MDS) and acute myeloid leukemia (AML). Used for diagnosing recurrent chromosomal aberrations in myeloid disorders with prognostic significance. Essential for detecting therapy-related MDS/AML and risk stratification.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
D7S522/CEN7 FISH Probe Kit	JLB401057- 5	5 Tests	CE, ASR	below -15°C
	JLB401057-10	10 Tests		
	JLB401057-20	20 Tests		

CCND1/IGH Dual Color, Dual Fusion FISH Probe Kit

CE ASR



The CCND1 probe is located on chromosome 11 and the IGH probe is located on chromosome 14. A 450 Kb probe covering the CCND1 gene region at 11q13.3 is labeled with an orange dye, and A 1600 Kb probe covering the IGH gene region at 14q32.33 is labeled with a green dye. Detects t(11;14) translocation in mantle cell lymphoma (MCL), multiple myeloma, chronic lymphocytic leukemia, and B-prolymphocytic leukemia. Used for differential diagnosis of CD5+ B-cell lymphoproliferative disorders, therapy response monitoring, and minimal residual disease detection. Essential for distinguishing atypical CLL from MCL patients.

Ordering Information

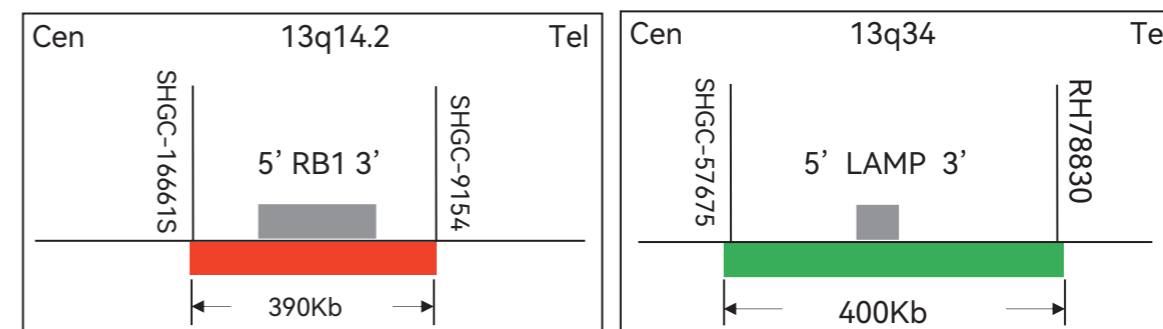
Product Description	Catalog No.	Specification	Certificate	Storage
CCND1/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401058- 5	5 Tests	CE, ASR	below -15°C
	JLB401058-10	10 Tests		
	JLB401058-20	20 Tests		

CHROMOSOME ENUMERATION PROBE

Identification of chromosome copy number in the diagnosis and prognosis of cancer and other diseases.

13q14 FISH Probe Kit

CE ASR



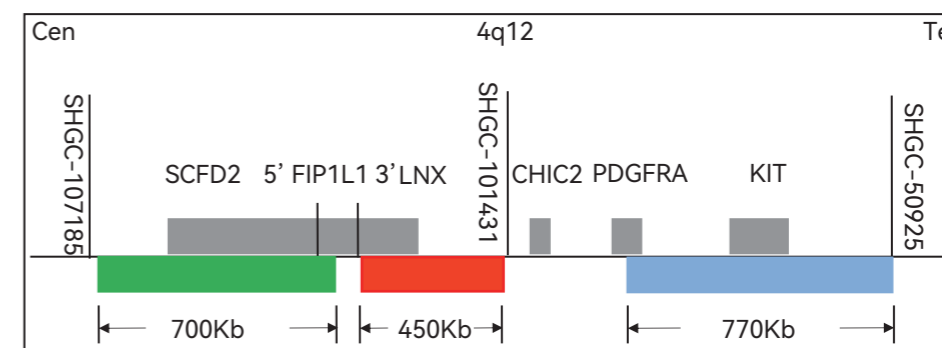
A 390 Kb probe covering the RB1(13q14.2) gene region is labeled with a green dye, and A 400 Kb probe covering the LAMP(13q14.2) gene region is labeled with an orange dye. Detects 13q14 deletions, the most common cytogenetic abnormality in chronic lymphocytic leukemia (CLL), found in approximately 50% of patients. Used for prognosis assessment, as deletion size and cell percentage influence clinical outcome. Essential for identifying tumor suppressor gene alterations targeting DLEU2/MIR15A/MIR16-1 locus. Assists in risk stratification and treatment planning for CLL patients.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
13q14 FISH Probe Kit	JLB401061- 5	5 Tests	CE, ASR	below -15°C
	JLB401061-10	10 Tests		
	JLB401061-20	20 Tests		

4q12 Tri-Color Rearrangement FISH Probe Kit

CE ASR



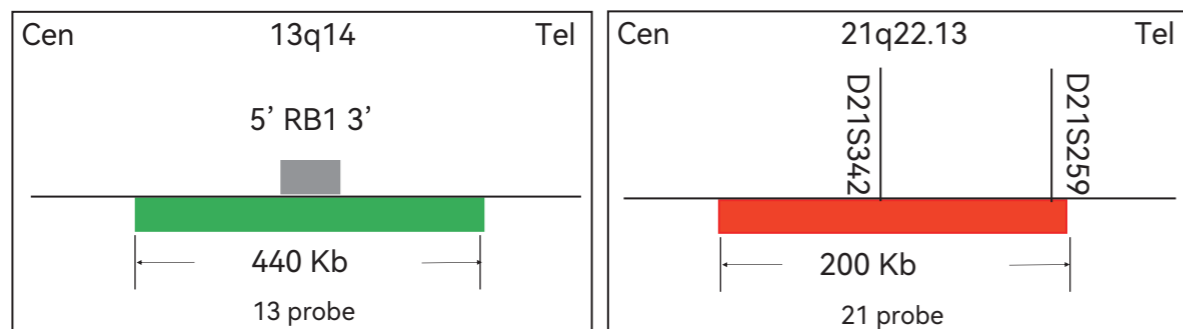
The 4q12 probe is located on chromosome 4. A 700 Kb probe covering the SCFD2 gene region is labeled with a green dye. A 450 Kb probe covering the 3' end of the FIP1L1 gene region is labeled with an orange dye. A 770 Kb probe covering the KIT gene region is labeled with an aqua dye. Detects FIP1L1/PDGFRA fusions and CHIC2 deletions at 4q12 in myeloid neoplasms associated with eosinophilia. Used for diagnosing PDGFRA abnormalities critical for therapeutic intervention and WHO classification. Identifies chromosomal breaks within PDGFRA including translocations or interstitial deletions resulting in FIP1L2-PDGFRA fusion.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
4q12 Tri-Color Rearrangement FISH Probe Kit	JLB401045- 5	5 Tests	CE, ASR	below -15°C
	JLB401045-10	10 Tests		
	JLB401045-20	20 Tests		

13/21 Dual Color FISH Probe Kit

CE ASR



The 13/21 probe contains a mixture of unique DNA sequences that hybridize in the 13q14 region of chromosome 13, and unique DNA sequences complementary to the D21S259, D21S342 loci contained within the 21q22.13 regions on the long arm of chromosome 21.

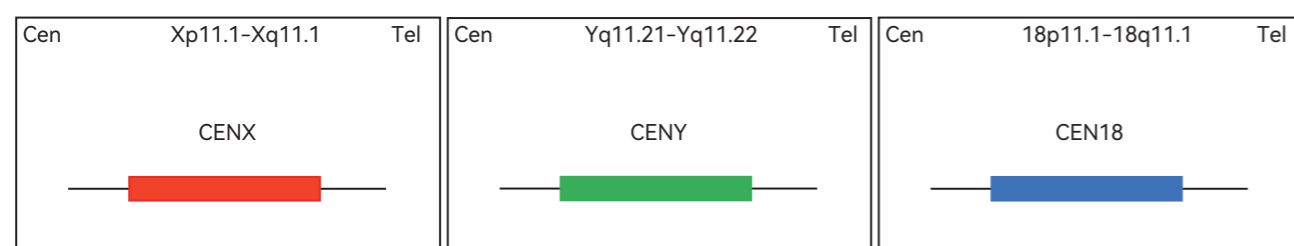
Detects trisomy 13 (Patau syndrome) and trisomy 21 (Down syndrome) in prenatal diagnosis using amniotic fluid samples from high-risk pregnancies. Used for rapid chromosomal enumeration in suspected cases of chromosomal aneuploidies. Provides detection results in as little as 24 hours for efficient prenatal genetic screening and diagnosis.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
13/21 Dual Color FISH Probe Kit	JLB401033-5	5 Tests	CE, ASR	below -15°C
	JLB401033-10	10 Tests		
	JLB401033-20	20 Tests		

X/Y/18 Trichromatic FISH probe kit

CE ASR



One aqua signal indicates one copy of the chromosome 18, one green signal indicates one copy of the X chromosome and one orange signal indicates one copy of the Y chromosome.

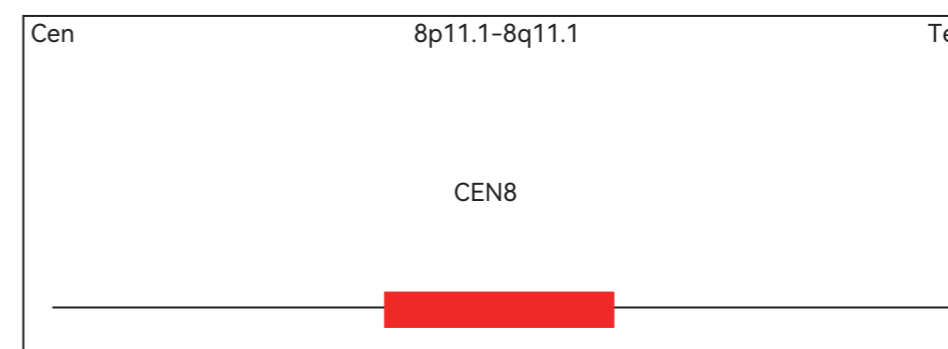
Detects trisomy 18 (Edwards syndrome) and sex chromosome aneuploidies in prenatal diagnosis. Used to simultaneously determine copy number of chromosomes 18, X and Y in metaphase and interphase blood and tissue cells. Essential for rapid prenatal genetic screening in high-risk pregnancies with 2-hour hybridization protocol. Identifies chromosomal aberrations for early intervention and counseling.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
X/Y/18 Trichromatic FISH probe kit	JLB401034-5	5 Tests	CE, ASR	below -15°C
	JLB401034-10	10 Tests		
	JLB401034-20	20 Tests		

Chromosome 8 Centromere FISH Probe Kit

CE ASR



One orange signal indicates one copy of the 8 chromosome.

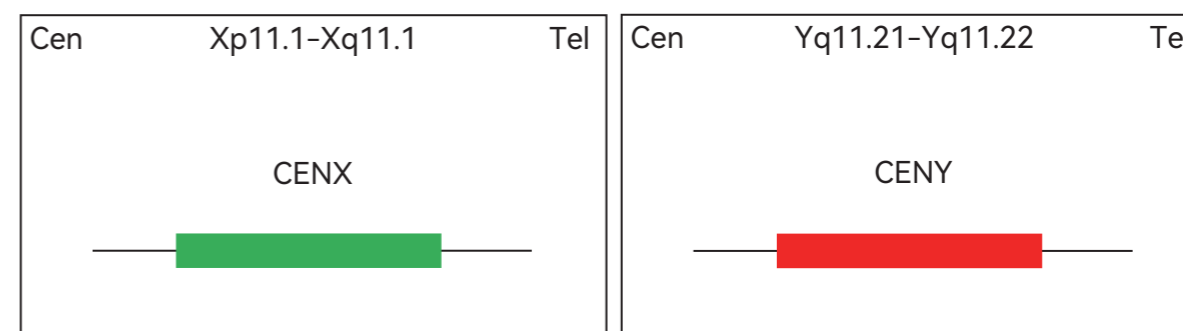
Detects trisomy 8 in acute myeloid leukemia (AML) and myelodysplastic syndromes (MDS), the most common numerical abnormality in all AML subtypes. Used for enumeration of chromosome 8 copy number in hematologic malignancies through interphase nucleus analysis. Essential for identifying chromosomal gains with prognostic significance and assists in detecting cryptic abnormalities missed by conventional cytogenetics.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Chromosome 8 Centromere FISH Probe Kit	JLB401051-5	5 Tests	CE, ASR	below -15°C
	JLB401051-10	10 Tests		
	JLB401051-20	20 Tests		

CENX/CENY FISH Probe Kit

CE ASR



One green signal indicates one copy of the X chromosome and one orange signal indicates one copy of the Y chromosome.

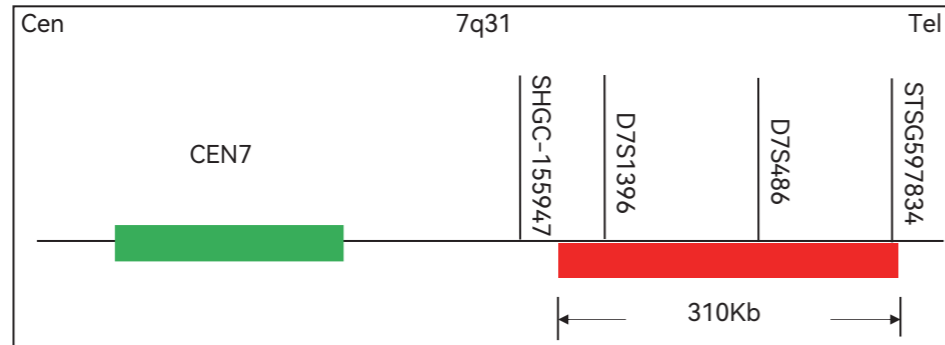
Detects sex chromosome aneuploidies (Turner syndrome, Klinefelter syndrome) for rapid screening and diagnosis. Used in prenatal diagnosis to identify sex chromosome abnormalities alongside autosomal trisomies. Applied for detecting tissue-specific sex chromosome mosaicism, especially high-level mosaicism. Identifies sex chromosome complement in paraffin-embedded tissues for clinical cytogenetics testing.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
CENX/CENY FISH Probe Kit	JLB401052-5	5 Tests	CE, ASR	below -15°C
	JLB401052-10	10 Tests		
	JLB401052-20	20 Tests		

D7S486/CEN7 FISH Probe Kit

CE ASR



The D7S486/CEN7 probe is located on chromosome 7. A 310 Kb probe covering the D7S486 gene region at 7q31 is labeled with an orange dye, and part of chromosome 7 (CEN7) is labeled with a green dye. Detects monosomy 7 and 7q deletions in myeloid malignancies including myelodysplastic syndromes (MDS) and acute myeloid leukemia (AML). Used for identifying copy number abnormalities at chromosome 7q31 and centromere 7 regions. Essential for diagnosing chromosomal aberrations with prognostic significance in hematologic malignancies and risk stratification.

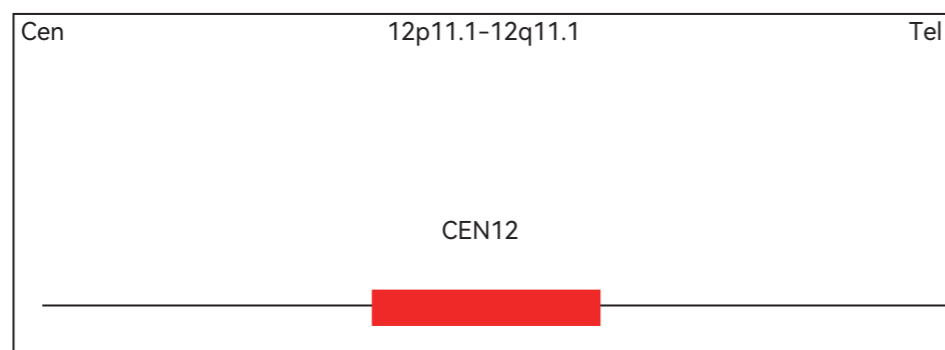
Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
D7S486/CEN7 FISH Probe Kit	JLB401056-5	5 Tests	CE, ASR	below -15°C
	JLB401056-10	10 Tests		
	JLB401056-20	20 Tests		



Chromosome 12 Centromere FISH Probe Kit

CE ASR



One orange signal indicates one copy of the 12 chromosome. It detects chromosome 12 copy number alterations using fluorescence in situ hybridization targeting the centromeric region. It identifies trisomy 12, monosomy 12, and other numerical aberrations in hematologic malignancies and solid tumors. Essential for cytogenetic analysis and chromosomal instability assessment in cancer diagnosis.

Ordering Information

Product Description	Catalog No.	Specification	Certificate	Storage
Chromosome 12 Centromere FISH Probe Kit	JLB401050-5	5 Tests	CE, ASR	below -15°C
	JLB401050-10	10 Tests		
	JLB401050-20	20 Tests		

Ordering Information



Product Description	Catalog No.	Specification
13/21 Dual Color FISH Probe Kit	JLB401033- 5	5 Tests
	JLB401033-10	10 Tests
	JLB401033-20	20 Tests
13q14 FISH Probe Kit	JLB401061- 5	5 Tests
	JLB401061-10	10 Tests
	JLB401061-20	20 Tests
1p/19q FISH Probe Kit	JLB401028- 5	5 Tests
	JLB401028-10	10 Tests
	JLB401028-20	20 Tests
1q21/1p32 FISH Probe Kit	JLB401065- 5	5 Tests
	JLB401065-10	10 Tests
	JLB401065-20	20 Tests
4q12 Tri-Color Rearrangement FISH Probe Kit	JLB401045- 5	5 Tests
	JLB401045-10	10 Tests
	JLB401045-20	20 Tests
Acute Lymphoblastic Leukemia FISH Probe Kit	JLB401013- 5	5 Tests
	JLB401013-10	10 Tests
	JLB401013-20	20 Tests
Acute Myelocytic Leukemia FISH Probe Kit	JLB401012- 5	5 Tests
	JLB401012-10	10 Tests
	JLB401012-20	20 Tests
ALK Break Apart FISH Probe Kit	JLB401011- 5	5 Tests
	JLB401011-10	10 Tests
	JLB401011-20	20 Tests
BCL2 Break Apart FISH Probe kit	JLB401054- 5	5 Tests
	JLB401054-10	10 Tests
	JLB401054-20	20 Tests
BCR/ABL1/ASS1 Tri-Color Dual Fusion FISH Probe Kit	JLB401048- 5	5 Tests
	JLB401048-10	10 Tests
	JLB401048-20	20 Tests
BIRC3/MALT1 Dual Fusion FISH Probe Kit	JLB401046- 5	5 Tests
	JLB401046-10	10 Tests
	JLB401046-20	20 Tests
Bladder Cancer FISH Probe Kit (Four - Color)	JLB401010- 5	5 Tests
	JLB401010-10	10 Tests
	JLB401010-20	20 Tests
BMAL2/BICD1 FISH Probe Kit	JLB401063- 5	5 Tests
	JLB401063-10	10 Tests
	JLB401063-20	20 Tests
BRAF FISH Probe Kit	JLB401026- 5	5 Tests
	JLB401026-10	10 Tests
	JLB401026-20	20 Tests
CBFB Break Apart FISH Probe Kit	JLB401036- 5	5 Tests
	JLB401036-10	10 Tests
	JLB401036-20	20 Tests
CCND1 Break Apart FISH Probe Kit	JLB401040- 5	5 Tests
	JLB401040-10	10 Tests
	JLB401040-20	20 Tests
CCND1/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401058- 5	5 Tests
	JLB401058-10	10 Tests
	JLB401058-20	20 Tests
CCND3 Break Apart FISH Probe Kit	JLB401067- 5	5 Tests
	JLB401067-10	10 Tests
	JLB401067-20	20 Tests
CCND3/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401064- 5	5 Tests
	JLB401064-10	10 Tests
	JLB401064-20	20 Tests
CDKN2A FISH Probe Kit	JLB401055- 5	5 Tests
	JLB401055-10	10 Tests
	JLB401055-20	20 Tests
CENX/CENY FISH Probe Kit	JLB401052- 5	5 Tests
	JLB401052-10	10 Tests
	JLB401052-20	20 Tests
Chromosome 12 Centromere FISH Probe Kit	JLB401050- 5	5 Tests
	JLB401050-10	10 Tests
	JLB401050-20	20 Tests
Chromosome 8 Centromere FISH Probe Kit	JLB401051- 5	5 Tests
	JLB401051-10	10 Tests
	JLB401051-20	20 Tests
Chronic Eosinophilic Leukemia FISH Probe Kit	JLB401009- 5	5 Tests
	JLB401009-10	10 Tests
	JLB401009-20	20 Tests
Chronic Lymphocytic Leukemia FISH Probe Kit	JLB401008- 5	5 Tests
	JLB401008-10	10 Tests
	JLB401008-20	20 Tests

Ordering Information



Product Description	Catalog No.	Specification
D7S486/CEN7 FISH Probe Kit	JLB401056- 5	5 Tests
	JLB401056-10	10 Tests
	JLB401056-20	20 Tests
D7S522/CEN7 FISH Probe Kit	JLB401057- 5	5 Tests
	JLB401057-10	10 Tests
	JLB401057-20	20 Tests
DDIT3 Break Apart FISH Probe Kit	JLB401007- 5	5 Tests
	JLB401007-10	10 Tests
	JLB401007-20	20 Tests
EGFR FISH Probe Kit	JLB401025- 5	5 Tests
	JLB401025-10	10 Tests
	JLB401025-20	20 Tests
EPOR Break Apart FISH Probe Kit	JLB401030- 5	5 Tests
	JLB401030-10	10 Tests
	JLB401030-20	20 Tests
Esophageal FISH Probe Kit	JLB401049- 5	5 Tests
	JLB401049-10	10 Tests
	JLB401049-20	20 Tests
ETV6 Break Apart FISH Probe Kit	JLB401035- 5	5 Tests
	JLB401035-10	10 Tests
	JLB401035-20	20 Tests
EWSR1 Break Apart FISH Probe Kit	JLB401037- 5	5 Tests
	JLB401037-10	10 Tests
	JLB401037-20	20 Tests
FGFR3/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401059- 5	5 Tests
	JLB401059-10	10 Tests
	JLB401059-20	20 Tests
FOXO1 Break Apart FISH Probe Kit	JLB401038- 5	5 Tests
	JLB401038-10	10 Tests
	JLB401038-20	20 Tests
FUS Break Apart FISH Probe Kit	JLB401039- 5	5 Tests
	JLB401039-10	10 Tests
	JLB401039-20	20 Tests
HER2 FISH Probe Kit	JLB401024- 5	5 Tests
	JLB401024-10	10 Tests
	JLB401024-20	20 Tests
IGH Break Apart FISH Probe Kit	JLB401053- 5	5 Tests
	JLB401053-10	10 Tests
	JLB401053-20	20 Tests
IGH/MYC/CEN8 Tri-Color Dual Fusion Probe Kit	JLB401044- 5	5 Tests
	JLB401044-10	10 Tests
	JLB401044-20	20 Tests
IRF4 Break Apart FISH Probe Kit	JLB401023- 5	5 Tests
	JLB401023-10	10 Tests
	JLB401023-20	20 Tests
MAF/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401060- 5	5 Tests
	JLB401060-10	10 Tests
	JLB401060-20	20 Tests
MAFB/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401062- 5	5 Tests
	JLB401062-10	10 Tests
	JLB401062-20	20 Tests
MALT1 Break Apart FISH Probe Kit	JLB401041- 5	5 Tests
	JLB401041-10	10 Tests
	JLB401041-20	20 Tests
MALT1/IGH Dual Color, Dual Fusion Translocation FISH Probe Kit	JLB401027- 5	5 Tests
	JLB401027-10	10 Tests
	JLB401027-20	20 Tests
MDM2 FISH Probe Kit	JLB401043- 5	5 Tests
	JLB401043-10	10 Tests
	JLB401043-20	20 Tests
Melanoma FISH Probe Kit	JLB401047- 5	5 Tests
	JLB401047-10	10 Tests
	JLB401047-20	20 Tests
MET FISH Probe Kit	JLB401022- 5	5 Tests
	JLB401022-10	10 Tests
	JLB401022-20	20 Tests
MLL Break Apart FISH Probe Kit	JLB401032- 5	5 Tests
	JLB401032-10	10 Tests
	JLB401032-20	20 Tests
MYC FISH Probe Kit	JLB401021- 5	5 Tests
	JLB401021-10	10 Tests
	JLB401021-20	20 Tests
Myelodysplastic Syndrome FISH Probe Kit	JLB401006- 5	5 Tests
	JLB401006-10	10 Tests
	JLB401006-20	20 Tests

Ordering Information



Product Description	Catalog No.	Specification
MYEOV/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB401068- 5	5 Tests
	JLB401068-10	10 Tests
	JLB401068-20	20 Tests
Non-Hodgkin's Lymphoma FISH Probe Kit	JLB401020- 5	5 Tests
	JLB401020-10	10 Tests
	JLB401020-20	20 Tests
NTRK Break Apart FISH Probe Kit	JLB401005- 5	5 Tests
	JLB401005-10	10 Tests
	JLB401005-20	20 Tests
P2RY8 Break Apart FISH Probe Kit	JLB401029- 5	5 Tests
	JLB401029-10	10 Tests
	JLB401029-20	20 Tests
P53/D13S319 FISH Probe Kit	JLB401066- 5	5 Tests
	JLB401066-10	10 Tests
	JLB401066-20	20 Tests
PD-L1/ABL1 FISH Probe Kit	JLB401019- 5	5 Tests
	JLB401019-10	10 Tests
	JLB401019-20	20 Tests
Ph-Like Acute Lymphoblastic Leukemia FISH Probe Kit	JLB401018- 5	5 Tests
	JLB401018-10	10 Tests
	JLB401018-20	20 Tests
PIK3CA FISH Probe Kit	JLB401042- 5	5 Tests
	JLB401042-10	10 Tests
	JLB401042-20	20 Tests
RET Break Apart FISH Probe Kit	JLB401017- 5	5 Tests
	JLB401017-10	10 Tests
	JLB401017-20	20 Tests
ROS1 Break Apart FISH Probe Kit	JLB401016- 5	5 Tests
	JLB401016-10	10 Tests
	JLB401016-20	20 Tests
SS18 Break Apart FISH Probe Kit	JLB401004- 5	5 Tests
	JLB401004-10	10 Tests
	JLB401004-20	20 Tests
TERC FISH Probe Kit	JLB401003- 5	5 Tests
	JLB401003-10	10 Tests
	JLB401003-20	20 Tests
TFE3 Break Apart FISH Probe Kit	JLB401015- 5	5 Tests
	JLB401015-10	10 Tests
	JLB401015-20	20 Tests
TOP2A FISH Probe Kit	JLB401002- 5	5 Tests
	JLB401002-10	10 Tests
	JLB401002-20	20 Tests
TP53 FISH Probe Kit	JLB401001- 5	5 Tests
	JLB401001-10	10 Tests
	JLB401001-20	20 Tests
Triple-Hit Lymphoma FISH Probe Kit	JLB401014- 5	5 Tests
	JLB401014-10	10 Tests
	JLB401014-20	20 Tests
VHL FISH Probe Kit	JLB401031- 5	5 Tests
	JLB401031-10	10 Tests
	JLB401031-20	20 Tests
X/Y/18 Trichromatic FISH Probe Kit	JLB401034- 5	5 Tests
	JLB401034-10	10 Tests
	JLB401034-20	20 Tests

Ordering Information



Product Description	Catalog No.	Specification
10q Orange Probe	JLB501101	100ul
11q23/CEN11 Orange/Green Probe	JLB501035	100ul
11q24.1/CEN11 Orange/Green Probe	JLB501036	100ul
11q24.3/11q23.3 Orange/Green Probe	JLB501106	100ul
19p13/19q13 Orange/Green Probe	JLB501039	100ul
19q13.42/CEN19 Orange/Green Probe	JLB501022	100ul
1p36/1q25 Orange/Green Probe	JLB501020	100ul
3p Orange Probe	JLB501099	100ul
3q Orange Probe	JLB501100	100ul
7q/CEN7 Orange/Green Probe	JLB501104	100ul
ABL Orange Probe	JLB501060	100ul
ABL1 Orange/Green Probe	JLB501041	100ul
ABL2 Orange/Green Probe	JLB501042	100ul
AF4 Green Probe	JLB501084	100ul
AF9 Green Probe	JLB501083	100ul
ALK Orange/Green Probe	JLB501012	100ul
AML1 Green Probe	JLB501057	100ul
ARHGEF12/CEN11 Orange/Green Probe	JLB501098	100ul
ARHGEF7/CEN13 Orange/Green Probe	JLB501097	100ul
ATM/CEN1 Orange/Green Probe	JLB501091	100ul
BCL2 Orange Probe	JLB501052	100ul
BCL2 Orange/Green Probe	JLB501025	100ul
BCL6 Orange/Green Probe	JLB501009	100ul
BCR Green Probe	JLB501059	100ul
BRAF Orange/Green Probe	JLB501018	100ul
BRAF/CEN7 Orange/Green Probe	JLB501019	100ul
CBFB Orange Probe	JLB501067	100ul
CBFB Orange/Green Probe	JLB501027	100ul
CCND1 Orange Probe	JLB501054	100ul
CCND1 Orange/Green Probe	JLB501026	100ul
CCND2 Orange/Green Probe	JLB501037	100ul
CCNE1/CEN19 Orange/Green Probe	JLB501085	100ul
CD20/CEN11 Orange/Green Probe	JLB501110	100ul
CDKN2A/CEN9 Orange/Green Probe	JLB501021	100ul
CEN17 Aqua Probe	JLB501108	100ul
CEN3 Red Probe	JLB501107	100ul
Chromosome 1 Centromere Green Probe	JLB501038	100ul
CKS1B/CDKN2C Orange/Green Probe	JLB501034	100ul
COL3A1 Orange/Green Probe	JLB501040	100ul
CRLF2 Orange/Green Probe	JLB501045	100ul
CSF1R Orange/Green Probe	JLB501043	100ul
CSF1R/TAS2R1 Orange/Green Probe	JLB501122	100ul
D20S108 Orange Probe	JLB501004	100ul
D7S486/CEN7 Orange/Green Probe	JLB501124	100ul
D7S522 Orange Probe	JLB501003	100ul
D7S522/CEN7 Orange/Green Probe	JLB501125	100ul
DDIT3 Orange/Green Probe	JLB501118	100ul
DLL3/CEN19 Orange/Green Probe	JLB501117	100ul
DUSP22 Orange/Green Probe	JLB501030	100ul
E2A Orange Probe	JLB501102	100ul

Ordering Information

ASR

Product Description	Catalog No.	Specification
EGFR/CEN7 Orange/Green Probe	JLB501015	100ul
EGR1/TAS2R1 Orange/Green Probe	JLB501123	100ul
EPOR Orange/Green Probe	JLB501047	100ul
ERG Orange/Green Probe	JLB501029	100ul
ETO Orange Probe	JLB501058	100ul
ETV6 Green Probe	JLB501088	100ul
ETV6 Orange Probe	JLB501079	100ul
ETV6 Orange/Green Probe	JLB501065	100ul
EWSR1 Orange/Green Probe	JLB501114	100ul
EZH2/CEN7 Orange/Green Probe	JLB501105	100ul
FAM22A Green Probe	JLB501075	100ul
FAT1/CEN4 Orange/Green Probe	JLB501073	100ul
FGFR1/CEN8 Orange/Green Probe	JLB501016	100ul
FGFR3 Orange Probe	JLB501093	100ul
FN1/CEN2 Orange/Green Probe	JLB501096	100ul
GACAT3/CEN2 Orange/Green Probe	JLB501078	100ul
IGH Green Probe	JLB501053	100ul
IGH Orange/Green Probe	JLB501010	100ul
IL2RB Orange/Green Probe	JLB501048	100ul
IRF4 Orange/Green Probe	JLB501033	100ul
JAK2 Orange/Green Probe	JLB501046	100ul
JAZF1 Orange Probe	JLB501069	100ul
JJAZ1 Green Probe	JLB501070	100ul
MAF Orange Probe	JLB501092	100ul
MAFB Orange Probe	JLB501094	100ul
MALT1 Orange Probe	JLB501120	100ul
MALT1 Orange/Green Probe	JLB501115	100ul
MAML2 Orange/Green Probe	JLB501121	100ul
MDM2 Orange Probe	JLB501005	100ul
MDM2/CEN12 Orange/Green Probe	JLB501011	100ul
MEF2D Orange/Green Probe	JLB501061	100ul
MET/CEN7 Orange/Green Probe	JLB501008	100ul
MLL Orange Probe	JLB501082	100ul
MLL Orange/Green Probe	JLB501028	100ul
MYB Orange Probe	JLB501080	100ul
MYB Orange/Green Probe	JLB501116	100ul
MYC Green Probe	JLB501002	100ul
MYC Orange Probe	JLB501001	100ul
MYH11 Green Probe	JLB501068	100ul
NTRK1 Orange/Green Probe	JLB501014	100ul
NTRK2 Orange/Green Probe	JLB501111	100ul
NTRK3 Orange Probe	JLB501087	100ul
NTRK3 Orange/Green Probe	JLB501066	100ul
NUT Orange/Green Probe	JLB501024	100ul
P16 Gold Probe	JLB501109	100ul
PAX3/CEN2 Orange/Green Probe	JLB501071	100ul
PBX1 Green Probe	JLB501103	100ul
PDGFRB Orange/Green Probe	JLB501044	100ul
PD-L1 Orange/Green Probe	JLB501064	100ul
PD-L1/CEN9 Orange/Green Probe	JLB501090	100ul

Ordering Information

ASR

Product Description	Catalog No.	Specification
PIK3CA/CEN3 Orange/Green Probe	JLB501017	100ul
PML Orange Probe	JLB501055	100ul
PTEN/CEN10 Orange/Green Probe	JLB501023	100ul
PTK2B Orange/Green Probe	JLB501049	100ul
QKI Green Probe	JLB501081	100ul
RARα Green Probe	JLB501056	100ul
RARα Orange/Green Probe	JLB501063	100ul
RB1/CEN13 Orange/Green Probe	JLB501112	100ul
RET Orange/Green Probe	JLB501013	100ul
ROS1 Green Probe	JLB501007	100ul
ROS1 Orange Probe	JLB501006	100ul
SOX11/CEN2 Orange/Green Probe	JLB501077	100ul
SS18 Orange/Green Probe	JLB501113	100ul
TERT/CEN5 Orange/Green Probe	JLB501095	100ul
TFE3 Orange/Green Probe	JLB501072	100ul
TFEB Orange/Green Probe	JLB501119	100ul
TP53/CEN17 Orange/Green Probe	JLB501086	100ul
TP63 Orange/Green Probe	JLB501031	100ul
TSLP Orange/Green Probe	JLB501050	100ul
TYK2 Orange/Green Probe	JLB501051	100ul
USP6 Orange/Green Probe	JLB501032	100ul
VHL/CEN3 Orange/Green Probe	JLB501089	100ul
YWHAE Orange Probe	JLB501074	100ul
YWHAE Orange/Green Probe	JLB501076	100ul
ZNF384 Orange/Green Probe	JLB501062	100ul

Ordering Information

Product Description	Catalog No.	Specification
10q FISH Probe Kit	JLB301124- 5	5 Tests
	JLB301124-10	10 Tests
	JLB301124-20	20 Tests
11q23.3/11q24.3 FISH Probe Kit	JLB301138- 5	5 Tests
	JLB301138-10	10 Tests
	JLB301138-20	20 Tests
11q23.3/11q24.3/CEN11 FISH Probe Kit	JLB301242- 5	5 Tests
	JLB301242-10	10 Tests
	JLB301242-20	20 Tests
11q23/CEN11 FISH Probe Kit	JLB301066- 5	5 Tests
	JLB301066-10	10 Tests
	JLB301066-20	20 Tests
11q24.1/CEN11 FISH Probe Kit	JLB301067- 5	5 Tests
	JLB301067-10	10 Tests
	JLB301067-20	20 Tests
13/21 Dual Color FISH Probe kit	JLB301210- 5	5 Tests
	JLB301210-10	10 Tests
	JLB301210-20	20 Tests
13q FISH Probe Kit	JLB301136- 5	5 Tests
	JLB301136-10	10 Tests
	JLB301136-20	20 Tests
13q14 FISH Probe Kit	JLB301114- 5	5 Tests
	JLB301114-10	10 Tests
	JLB301114-20	20 Tests
16q22/16q23 FISH Probe Kit	JLB301276- 5	5 Tests
	JLB301276-10	10 Tests
	JLB301276-20	20 Tests
17P FISH Probe Kit	JLB301282- 5	5 Tests
	JLB301282-10	10 Tests
	JLB301282-20	20 Tests
19q13.42/CEN19 FISH Probe Kit	JLB301016- 5	5 Tests
	JLB301016-10	10 Tests
	JLB301016-20	20 Tests
1p/19q FISH Probe Kit	JLB301015- 5	5 Tests
	JLB301015-10	10 Tests
	JLB301015-20	20 Tests
1q21/1p32 FISH Probe kit	JLB301214- 5	5 Tests
	JLB301214-10	10 Tests
	JLB301214-20	20 Tests
1q21/CEN1 FISH Probe Kit	JLB301108- 5	5 Tests
	JLB301108-10	10 Tests
	JLB301108-20	20 Tests
1q25/1p36 FISH probe kit	JLB301313- 5	5 Tests
	JLB301313-10	10 Tests
	JLB301313-20	20 Tests
20q12/20p11/20q13 FISH Probe Kit	JLB301290- 5	5 Tests
	JLB301290-10	10 Tests
	JLB301290-20	20 Tests
3p FISH Probe Kit	JLB301122- 5	5 Tests
	JLB301122-10	10 Tests
	JLB301122-20	20 Tests
3q FISH Probe Kit	JLB301123- 5	5 Tests
	JLB301123-10	10 Tests
	JLB301123-20	20 Tests
4q12 Dual Color Rearrangement FISH Probe Kit	JLB301306- 5	5 Tests
	JLB301306-10	10 Tests
	JLB301306-20	20 Tests
4q12 Tri-Color Rearrangement FISH Probe Kit	JLB301232- 5	5 Tests
	JLB301232-10	10 Tests
	JLB301232-20	20 Tests
5/7/8/20/Y FISH Probe Kit	JLB301266- 5	5 Tests
	JLB301266-10	10 Tests
	JLB301266-20	20 Tests
5p/CEN15 FISH Probe Kit	JLB301319- 5	5 Tests
	JLB301319-10	10 Tests
	JLB301319-20	20 Tests
5p/CEN9/CEN15 FISH Probe Kit	JLB301305- 5	5 Tests
	JLB301305-10	10 Tests
	JLB301305-20	20 Tests
5p15/5q31/5q33 FISH Probe Kit	JLB301289- 5	5 Tests
	JLB301289-10	10 Tests
	JLB301289-20	20 Tests
5q/5p FISH Probe Kit	JLB301132- 5	5 Tests
	JLB301132-10	10 Tests
	JLB301132-20	20 Tests

Ordering Information

Product Description	Catalog No.	Specification
6q FISH Probe kit	JLB301220- 5	5 Tests
	JLB301220-10	10 Tests
	JLB301220-20	20 Tests
7q/CEN7 FISH Probe Kit	JLB301131- 5	5 Tests
	JLB301131-10	10 Tests
	JLB301131-20	20 Tests
7q22/7q36/CEN7 FISH Probe Kit	JLB301291- 5	5 Tests
	JLB301291-10	10 Tests
	JLB301291-20	20 Tests
ABL1 Break Apart FISH Probe Kit	JLB301071- 5	5 Tests
	JLB301071-10	10 Tests
	JLB301071-20	20 Tests
ABL2 Break Apart FISH Probe Kit	JLB301072- 5	5 Tests
	JLB301072-10	10 Tests
	JLB301072-20	20 Tests
Acute Lymphoblastic Leukemia FISH Probe Kit	JLB301100- 5	5 Tests
	JLB301100-10	10 Tests
	JLB301100-20	20 Tests
Acute Myelocytic Leukemia FISH Probe Kit	JLB301101- 5	5 Tests
	JLB301101-10	10 Tests
	JLB301101-20	20 Tests
ALK Break Apart FISH Probe Kit	JLB301004- 5	5 Tests
	JLB301004-10	10 Tests
	JLB301004-20	20 Tests
ALK/EML4 Tri-Color Dual Fusion FISH Probe Kit	JLB301005- 5	5 Tests
	JLB301005-10	10 Tests
	JLB301005-20	20 Tests
AML1/CEN11 FISH Probe Kit	JLB301316- 5	5 Tests
	JLB301316-10	10 Tests
	JLB301316-20	20 Tests
AML1/ETO Dual Color, Dual Fusion FISH Probe Kit	JLB301031- 5	5 Tests
	JLB301031-10	10 Tests
	JLB301031-20	20 Tests
API2/MALT1 Dual Color, Dual Fusion FISH Probe Kit	JLB301224- 5	5 Tests
	JLB301224-10	10 Tests
	JLB301224-20	20 Tests
ARHGEF12/CEN11 FISH Probe Kit	JLB301117- 5	5 Tests
	JLB301117-10	10 Tests
	JLB301117-20	20 Tests
ARHGEF7/CEN13 FISH Probe Kit	JLB301116- 5	5 Tests
	JLB301116-10	10 Tests
	JLB301116-20	20 Tests
ATM/CEN11 FISH Probe Kit	JLB301107- 5	5 Tests
	JLB301107-10	10 Tests
	JLB301107-20	20 Tests
ATM/TP53 FISH Probe Kit	JLB301303- 5	5 Tests
	JLB301303-10	10 Tests
	JLB301303-20	20 Tests
BCL2 Break Apart FISH Probe Kit	JLB301021- 5	5 Tests
	JLB301021-10	10 Tests
	JLB301021-20	20 Tests
BCL2/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301026- 5	5 Tests
	JLB301026-10	10 Tests
	JLB301026-20	20 Tests
BCL6 Break Apart FISH Probe Kit	JLB301022- 5	5 Tests
	JLB301022-10	10 Tests
	JLB301022-20	20 Tests
BCL6/CEN3 FISH Probe Kit	JLB301320- 5	5 Tests
	JLB301320-10	10 Tests
	JLB301320-20	20 Tests
BCL6/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301324- 5	5 Tests
	JLB301324-10	10 Tests
	JLB301324-20	20 Tests
BCOR Break Apart FISH Probe Kit	JLB301253- 5	5 Tests
	JLB301253-10	10 Tests
	JLB301253-20	20 Tests
BCR/ABL Dual Color, Dual Fusion FISH Probe Kit	JLB301037- 5	5 Tests
	JLB301037-10	10 Tests
	JLB301037-20	20 Tests
BCR/ABL1/ASS1 Tri-Color Dual Fusion FISH Probe Kit	JLB301234- 5	5 Tests
	JLB301234-10	10 Tests
	JLB301234-20	20 Tests
BIRC3/MALT1 Dual Fusion FISH Probe Kit	JLB301233- 5	5 Tests
	JLB301233-10	10 Tests
	JLB301233-20	20 Tests

Ordering Information

Product Description	Catalog No.	Specification
Bladder Cancer FISH Probe Kit (Four - Color)	JLB301139- 5	5 Tests
	JLB301139-10	10 Tests
	JLB301139-20	20 Tests
BMAL2/BICD1 FISH Probe Kit	JLB301279- 5	5 Tests
	JLB301279-10	10 Tests
	JLB301279-20	20 Tests
BRAF Break Apart FISH Probe Kit	JLB301013- 5	5 Tests
	JLB301013-10	10 Tests
	JLB301013-20	20 Tests
BRAF/CEN7 FISH Probe Kit	JLB301014- 5	5 Tests
	JLB301014-10	10 Tests
	JLB301014-20	20 Tests
BRAF/KIAA1549 Dual Color, Dual Fusion FISH Probe Kit	JLB301197- 5	5 Tests
	JLB301197-10	10 Tests
	JLB301197-20	20 Tests
C11ORF95 Break Apart FISH Probe Kit	JLB301311- 5	5 Tests
	JLB301311-10	10 Tests
	JLB301311-20	20 Tests
CAMTA1 Break Apart FISH Probe Kit	JLB301256- 5	5 Tests
	JLB301256-10	10 Tests
	JLB301256-20	20 Tests
CBFB Break Apart FISH Probe Kit	JLB301032- 5	5 Tests
	JLB301032-10	10 Tests
	JLB301032-20	20 Tests
CBFB/MYH11 Dual Color, Dual Fusion FISH Probe Kit	JLB301069- 5	5 Tests
	JLB301069-10	10 Tests
	JLB301069-20	20 Tests
CCND1 Break Apart FISH Probe Kit	JLB301024- 5	5 Tests
	JLB301024-10	10 Tests
	JLB301024-20	20 Tests
CCND1/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301027- 5	5 Tests
	JLB301027-10	10 Tests
	JLB301027-20	20 Tests
CCND2 Break Apart FISH Probe Kit	JLB301068- 5	5 Tests
	JLB301068-10	10 Tests
	JLB301068-20	20 Tests
CCND3 Break Apart FISH Probe Kit	JLB301239- 5	5 Tests
	JLB301239-10	10 Tests
	JLB301239-20	20 Tests
CCND3/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301195- 5	5 Tests
	JLB301195-10	10 Tests
	JLB301195-20	20 Tests
CCNE1/CEN19 FISH Probe Kit	JLB301092- 5	5 Tests
	JLB301092-10	10 Tests
	JLB301092-20	20 Tests
CD20/CEN11 FISH Probe Kit	JLB301149- 5	5 Tests
	JLB301149-10	10 Tests
	JLB301149-20	20 Tests
CDK4 FISH Probe Kit	JLB301202- 5	5 Tests
	JLB301202-10	10 Tests
	JLB301202-20	20 Tests
CDKN2A/CEN9 FISH Probe Kit	JLB301017- 5	5 Tests
	JLB301017-10	10 Tests
	JLB301017-20	20 Tests
CENX/CENY FISH Probe Kit	JLB301134- 5	5 Tests
	JLB301134-10	10 Tests
	JLB301134-20	20 Tests
Chromosome 1 Centromere FISH Probe Kit	JLB301170- 5	5 Tests
	JLB301170-10	10 Tests
	JLB301170-20	20 Tests
Chromosome 10 Centromere FISH Probe Kit	JLB301035- 5	5 Tests
	JLB301035-10	10 Tests
	JLB301035-20	20 Tests
Chromosome 11 Centromere FISH Probe Kit	JLB301176- 5	5 Tests
	JLB301176-10	10 Tests
	JLB301176-20	20 Tests
Chromosome 12 Centromere FISH Probe Kit	JLB301039- 5	5 Tests
	JLB301039-10	10 Tests
	JLB301039-20	20 Tests
Chromosome 13 Centromere FISH Probe Kit	JLB301177- 5	5 Tests
	JLB301177-10	10 Tests
	JLB301177-20	20 Tests
Chromosome 15 Centromere FISH Probe Kit	JLB301178- 5	5 Tests
	JLB301178-10	10 Tests
	JLB301178-20	20 Tests

Ordering Information

Product Description	Catalog No.	Specification
Chromosome 16 Centromere FISH Probe Kit	JLB301179- 5	5 Tests
	JLB301179-10	10 Tests
	JLB301179-20	20 Tests
Chromosome 17 Centromere FISH Probe Kit	JLB301036- 5	5 Tests
	JLB301036-10	10 Tests
	JLB301036-20	20 Tests
Chromosome 19 Centromere FISH Probe Kit	JLB301180- 5	5 Tests
	JLB301180-10	10 Tests
	JLB301180-20	20 Tests
Chromosome 2 Centromere FISH Probe Kit	JLB301171- 5	5 Tests
	JLB301171-10	10 Tests
	JLB301171-20	20 Tests
Chromosome 20 Centromere FISH Probe Kit	JLB301244- 5	5 Tests
	JLB301244-10	10 Tests
	JLB301244-20	20 Tests
Chromosome 22 Centromere FISH Probe Kit	JLB301181- 5	5 Tests
	JLB301181-10	10 Tests
	JLB301181-20	20 Tests
Chromosome 3 Centromere FISH Probe Kit	JLB301105- 5	5 Tests
	JLB301105-10	10 Tests
	JLB301105-20	20 Tests
Chromosome 3, 7 Centromere FISH Probe Kit	JLB301102- 5	5 Tests
	JLB301102-10	10 Tests
	JLB301102-20	20 Tests
Chromosome 4 Centromere FISH Probe Kit	JLB301034- 5	5 Tests
	JLB301034-10	10 Tests
	JLB301034-20	20 Tests
Chromosome 4,10,17 Centromere FISH Probe Kit	JLB301301- 5	5 Tests
	JLB301301-10	10 Tests
	JLB301301-20	20 Tests
Chromosome 5 Centromere FISH Probe Kit	JLB301172- 5	5 Tests
	JLB301172-10	10 Tests
	JLB301172-20	20 Tests
Chromosome 6 Centromere FISH Probe Kit	JLB301173- 5	5 Tests
	JLB301173-10	10 Tests
	JLB301173-20	20 Tests
Chromosome 7 Centromere FISH Probe Kit	JLB301174- 5	5 Tests
	JLB301174-10	10 Tests
	JLB301174-20	20 Tests
Chromosome 7, 8 Centromere FISH Probe Kit	JLB301268- 5	5 Tests
	JLB301268-10	10 Tests
	JLB301268-20	20 Tests
Chromosome 8 Centromere FISH Probe Kit	JLB301094- 5	5 Tests
	JLB301094-10	10 Tests
	JLB301094-20	20 Tests
Chromosome 8, 11,17 Centromere FISH Probe Kit	JLB301269- 5	5 Tests
	JLB301269-10	10 Tests
	JLB301269-20	20 Tests
Chromosome 8,17 Centromere FISH Probe Kit	JLB301270- 5	5 Tests
	JLB301270-10	10 Tests
	JLB301270-20	20 Tests
Chromosome 9 Centromere FISH Probe Kit	JLB301175- 5	5 Tests
	JLB301175-10	10 Tests
	JLB301175-20	20 Tests
Chromosome X Centromere FISH Probe Kit	JLB301052- 5	5 Tests
	JLB301052-10	10 Tests
	JLB301052-20	20 Tests
Chromosome Y Centromere FISH Probe Kit	JLB301053- 5	5 Tests
	JLB301053-10	10 Tests
	JLB301053-20	20 Tests
Chronic Lymphocytic Leukemia FISH Probe Kit	JLB301185- 5	5 Tests
	JLB301185-10	10 Tests
	JLB301185-20	20 Tests
CIC Break Apart FISH Probe Kit	JLB301241- 5	5 Tests
	JLB301241-10	10 Tests
	JLB301241-20	20 Tests
CKS1B/CDKN2C Dual Color, Dual Fusion FISH Probe Kit	JLB301056- 5	5 Tests
	JLB301056-10	10 Tests
	JLB301056-20	20 Tests
COL1A1/PDGFB Dual Color, Dual Fusion FISH Probe Kit	JLB301215- 5	5 Tests
	JLB301215-10	10 Tests
	JLB301215-20	20 Tests
COL3A1 Break Apart FISH Probe Kit	JLB301070- 5	5 Tests
	JLB301070-10	10 Tests
	JLB301070-20	20 Tests

Ordering Information

Product Description	Catalog No.	Specification
CRKL/CEN22 FISH Probe Kit	JLB301201- 5 JLB301201-10 JLB301201-20	5 Tests 10 Tests 20 Tests
CRLF2 Break Apart FISH Probe Kit	JLB301075- 5 JLB301075-10 JLB301075-20	5 Tests 10 Tests 20 Tests
CSF1R Break Apart FISH Probe Kit	JLB301073- 5 JLB301073-10 JLB301073-20	5 Tests 10 Tests 20 Tests
CSF1R/TAS2R1 FISH Probe Kit	JLB301186- 5 JLB301186-10 JLB301186-20	5 Tests 10 Tests 20 Tests
CTNNB1/CEN3 FISH Probe Kit	JLB301318- 5 JLB301318-10 JLB301318-20	5 Tests 10 Tests 20 Tests
D13S25/CEN12 FISH Probe Kit	JLB301275- 5 JLB301275-10 JLB301275-20	5 Tests 10 Tests 20 Tests
D13S319/13q34 FISH Probe Kit	JLB301188- 5 JLB301188-10 JLB301188-20	5 Tests 10 Tests 20 Tests
D13S319/13q34/CEN12 FISH Probe Kit	JLB301304- 5 JLB301304-10 JLB301304-20	5 Tests 10 Tests 20 Tests
D20S108/CEN8 FISH Probe Kit	JLB301115- 5 JLB301115-10 JLB301115-20	5 Tests 10 Tests 20 Tests
D7S486/CEN7 FISH Probe Kit	JLB301192- 5 JLB301192-10 JLB301192-20	5 Tests 10 Tests 20 Tests
D7S522/CEN7 FISH Probe Kit	JLB301194- 5 JLB301194-10 JLB301194-20	5 Tests 10 Tests 20 Tests
DAPI Mounting Medium	JLB301189	500 µl
DDIT3(12q13) Break Apart FISH Probe Kit	JLB301166- 5 JLB301166-10 JLB301166-20	5 Tests 10 Tests 20 Tests
DEK/NUP214 Dual Color, Dual Fusion FISH Probe Kit	JLB301288- 5 JLB301288-10 JLB301288-20	5 Tests 10 Tests 20 Tests
DLL3(19q13) FISH Probe Kit	JLB301165- 5 JLB301165-10 JLB301165-20	5 Tests 10 Tests 20 Tests
DUSP22 Break Apart FISH Probe Kit	JLB301059- 5 JLB301059-10 JLB301059-20	5 Tests 10 Tests 20 Tests
E2A Break Apart FISH Probe Kit	JLB301245- 5 JLB301245-10 JLB301245-20	5 Tests 10 Tests 20 Tests
E2A/HLF Dual Color, Dual Fusion FISH Probe Kit	JLB301321- 5 JLB301321-10 JLB301321-20	5 Tests 10 Tests 20 Tests
E2A/PBX1 Dual Color, Dual Fusion FISH Probe Kit	JLB301126- 5 JLB301126-10 JLB301126-20	5 Tests 10 Tests 20 Tests
EGFR/CEN7 FISH Probe Kit	JLB301009- 5 JLB301009-10 JLB301009-20	5 Tests 10 Tests 20 Tests
EGR1/TAS2R1 FISH Probe Kit	JLB301193- 5 JLB301193-10 JLB301193-20	5 Tests 10 Tests 20 Tests
ELN/CEN7 FISH Probe Kit	JLB301247- 5 JLB301247-10 JLB301247-20	5 Tests 10 Tests 20 Tests
EPOR Break Apart FISH Probe Kit	JLB301077- 5 JLB301077-10 JLB301077-20	5 Tests 10 Tests 20 Tests
ERG Break Apart FISH Probe Kit	JLB301049- 5 JLB301049-10 JLB301049-20	5 Tests 10 Tests 20 Tests
Esophageal FISH Probe Kit	JLB301236- 5 JLB301236-10 JLB301236-20	5 Tests 10 Tests 20 Tests

Ordering Information

Product Description	Catalog No.	Specification
ETV1 Break Apart FISH Probe Kit	JLB301259- 5 JLB301259-10 JLB301259-20	5 Tests 10 Tests 20 Tests
ETV4 Break Apart FISH Probe Kit	JLB301265- 5 JLB301265-10 JLB301265-20	5 Tests 10 Tests 20 Tests
ETV6 Break Apart FISH Probe Kit	JLB301104- 5 JLB301104-10 JLB301104-20	5 Tests 10 Tests 20 Tests
ETV6/AML1 Dual Color, Dual Fusion FISH Probe Kit	JLB301084- 5 JLB301084-10 JLB301084-20	5 Tests 10 Tests 20 Tests
EVI Break Apart FISH Probe Kit	JLB301252- 5 JLB301252-10 JLB301252-20	5 Tests 10 Tests 20 Tests
EWSR1 Break Apart FISH Probe Kit	JLB301159- 5 JLB301159-10 JLB301159-20	5 Tests 10 Tests 20 Tests
EWSR1/ATF1 Dual Color, Dual Fusion FISH Probe Kit	JLB301322- 5 JLB301322-10 JLB301322-20	5 Tests 10 Tests 20 Tests
EWSR1/WT1 Dual Fusion FISH Probe Kit	JLB301261- 5 JLB301261-10 JLB301261-20	5 Tests 10 Tests 20 Tests
EZH2/CEN7 FISH Probe Kit	JLB301137- 5 JLB301137-10 JLB301137-20	5 Tests 10 Tests 20 Tests
FAT1/CEN4 FISH Probe Kit	JLB301050- 5 JLB301050-10 JLB301050-20	5 Tests 10 Tests 20 Tests
FGFR1 Break Apart FISH Probe Kit	JLB301249- 5 JLB301249-10 JLB301249-20	5 Tests 10 Tests 20 Tests
FGFR1/CEN8 FISH Probe Kit	JLB301010- 5 JLB301010-10 JLB301010-20	5 Tests 10 Tests 20 Tests
FGFR2 Break Apart FISH Probe Kit	JLB301264- 5 JLB301264-10 JLB301264-20	5 Tests 10 Tests 20 Tests
FGFR3 Break Apart FISH Probe Kit	JLB301312- 5 JLB301312-10 JLB301312-20	5 Tests 10 Tests 20 Tests
FGFR3/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301110- 5 JLB301110-10 JLB301110-20	5 Tests 10 Tests 20 Tests
FH Break Apart FISH Probe Kit	JLB301205- 5 JLB301205-10 JLB301205-20	5 Tests 10 Tests 20 Tests
FKHR Break Apart FISH Probe Kit	JLB301183- 5 JLB301183-10 JLB301183-20	5 Tests 10 Tests 20 Tests
FLT3 Break Apart FISH Probe Kit	JLB301226- 5 JLB301226-10 JLB301226-20	5 Tests 10 Tests 20 Tests
Fluorescence In Situ Hybridization Specimen Treatment Kit	JLB301156-20 JLB301156-40	20 Tests 40 Tests
FN1/CEN2 FISH Probe Kit	JLB301087- 5 JLB301087-10 JLB301087-20	5 Tests 10 Tests 20 Tests
FOS Break Apart FISH Probe Kit	JLB301274- 5 JLB301274-10 JLB301274-20	5 Tests 10 Tests 20 Tests
FOSB Break Apart FISH Probe Kit	JLB301273- 5 JLB301273-10 JLB301273-20	5 Tests 10 Tests 20 Tests
FOXO1 Break Apart FISH Probe Kit	JLB301230- 5 JLB301230-10 JLB301230-20	5 Tests 10 Tests 20 Tests
FUS Break Apart FISH Probe Kit	JLB301231- 5 JLB301231-10 JLB301231-20	5 Tests 10 Tests 20 Tests
GACAT3/CEN2 FISH Probe Kit	JLB301083- 5 JLB301083-10 JLB301083-20	5 Tests 10 Tests 20 Tests

Ordering Information

Product Description	Catalog No.	Specification
HER2/CEN17 FISH Probe Kit	JLB301141- 5	5 Tests
	JLB301141-10	10 Tests
	JLB301141-20	20 Tests
HER2/TP53/CEN17 FISH Probe Kit	JLB301148- 5	5 Tests
	JLB301148-10	10 Tests
	JLB301148-20	20 Tests
HEY1/NCOA2 Dual Color, Dual Fusion FISH Probe Kit	JLB301300- 5	5 Tests
	JLB301300-10	10 Tests
	JLB301300-20	20 Tests
hWAPL/CEN10 FISH Probe Kit	JLB301267- 5	5 Tests
	JLB301267-10	10 Tests
	JLB301267-20	20 Tests
IGH Break Apart FISH Probe Kit	JLB301025- 5	5 Tests
	JLB301025-10	10 Tests
	JLB301025-20	20 Tests
IKZF1/CEN7 FISH Probe Kit	JLB301317- 5	5 Tests
	JLB301317-10	10 Tests
	JLB301317-20	20 Tests
IL2RB Break Apart FISH Probe Kit	JLB301078- 5	5 Tests
	JLB301078-10	10 Tests
	JLB301078-20	20 Tests
In Situ Hybridization Buffer	JLB301190	500 µl
In Situ Hybridization Specimen Pretreatment Reagent Kit	JLB301155-10	10 Tests
	JLB301155-20	20 Tests
	JLB301155-40	40 Tests
IRF4 Break Apart FISH Probe Kit	JLB301065- 5	5 Tests
	JLB301065-10	10 Tests
	JLB301065-20	20 Tests
IRF4/IGH Dual Fusion FISH Probe Kit	JLB301255- 5	5 Tests
	JLB301255-10	10 Tests
	JLB301255-20	20 Tests
JAK2 Break Apart FISH Probe Kit	JLB301076- 5	5 Tests
	JLB301076-10	10 Tests
	JLB301076-20	20 Tests
JAZF1 Break Apart FISH Probe Kit	JLB301204- 5	5 Tests
	JLB301204-10	10 Tests
	JLB301204-20	20 Tests
JAZF1/JJAZ1 Dual Color, Single Fusion FISH Probe Kit	JLB301062- 5	5 Tests
	JLB301062-10	10 Tests
	JLB301062-20	20 Tests
KMT2A/MLL1 Dual Color, Dual Fusion FISH Probe Kit	JLB301296- 5	5 Tests
	JLB301296-10	10 Tests
	JLB301296-20	20 Tests
KRAS/CEN12 FISH Probe Kit	JLB301200- 5	5 Tests
	JLB301200-10	10 Tests
	JLB301200-20	20 Tests
MAF/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301109- 5	5 Tests
	JLB301109-10	10 Tests
	JLB301109-20	20 Tests
MAFB/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301196- 5	5 Tests
	JLB301196-10	10 Tests
	JLB301196-20	20 Tests
MALAT1 Break Apart FISH Probe Kit	JLB301260- 5	5 Tests
	JLB301260-10	10 Tests
	JLB301260-20	20 Tests
MALAT1/TFEB Dual Color, Dual Fusion FISH Probe Kit	JLB301295- 5	5 Tests
	JLB301295-10	10 Tests
	JLB301295-20	20 Tests
MALT1 Break Apart FISH Probe Kit	JLB301161- 5	5 Tests
	JLB301161-10	10 Tests
	JLB301161-20	20 Tests
MALT1/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301169- 5	5 Tests
	JLB301169-10	10 Tests
	JLB301169-20	20 Tests
MAML2 Break Apart FISH Probe Kit	JLB301182- 5	5 Tests
	JLB301182-10	10 Tests
	JLB301182-20	20 Tests
MAPK1/CEN22 FISH Probe Kit	JLB301051- 5	5 Tests
	JLB301051-10	10 Tests
	JLB301051-20	20 Tests
MDM2/CEN12 FISH Probe Kit	JLB301002- 5	5 Tests
	JLB301002-10	10 Tests
	JLB301002-20	20 Tests

Ordering Information

Product Description	Catalog No.	Specification
MEF2D Break Apart FISH Probe Kit	JLB301045- 5	5 Tests
	JLB301045-10	10 Tests
	JLB301045-20	20 Tests
Melanoma FISH Probe Kit	JLB301235- 5	5 Tests
	JLB301235-10	10 Tests
	JLB301235-20	20 Tests
MET Break Apart FISH Probe Kit	JLB301309- 5	5 Tests
	JLB301309-10	10 Tests
	JLB301309-20	20 Tests
MET/CEN7 FISH Probe Kit	JLB301012- 5	5 Tests
	JLB301012-10	10 Tests
	JLB301012-20	20 Tests
MGEA5 FISH Probe Kit	JLB301277- 5	5 Tests
	JLB301277-10	10 Tests
	JLB301277-20	20 Tests
MLL Break Apart FISH Probe Kit	JLB301033- 5	5 Tests
	JLB301033-10	10 Tests
	JLB301033-20	20 Tests
MLL/AF4 Dual Color, Dual Fusion FISH Probe Kit	JLB301089- 5	5 Tests
	JLB301089-10	10 Tests
	JLB301089-20	20 Tests
MLL/AF9 Dual Color, Dual Fusion FISH Probe Kit	JLB301088- 5	5 Tests
	JLB301088-10	10 Tests
	JLB301088-20	20 Tests
MN1 Break Apart FISH Probe Kit	JLB301297- 5	5 Tests
	JLB301297-10	10 Tests
	JLB301297-20	20 Tests
MYB Break Apart FISH Probe Kit	JLB301163- 5	5 Tests
	JLB301163-10	10 Tests
	JLB301163-20	20 Tests
MYB(6q23) FISH Probe Kit	JLB301160- 5	5 Tests
	JLB301160-10	10 Tests
	JLB301160-20	20 Tests
MYB/QKI Dual Color, Dual Fusion FISH Probe Kit	JLB301086- 5	5 Tests
	JLB301086-10	10 Tests
	JLB301086-20	20 Tests
MYC Break Apart FISH Probe Kit	JLB301023- 5	5 Tests
	JLB301023-10	10 Tests
	JLB301023-20	20 Tests
MYC(8q24)/BCL6(3q27)/BCL2(18q21) Break Apart FISH Probe Kit	JLB301157- 5	5 Tests
	JLB301157-10	10 Tests
	JLB301157-20	20 Tests
MYC/CEN8 FISH Probe Kit	JLB301019- 5	5 Tests
	JLB301019-10	10 Tests
	JLB301019-20	20 Tests
MYC/IGH Dual Color, Dual Fusion FISH Probe Kit	JLB301152- 5	5 Tests
	JLB301152-10	10 Tests
	JLB301152-20	20 Tests
MYC/IGH/CEN8 Tri-Color, Dual Fusion FISH Probe Kit	JLB301028- 5	5 Tests
	JLB301028-10	10 Tests
	JLB301028-20	20 Tests
Myelodysplastic Syndrome FISH Probe Kit	JLB301184- 5	5 Tests
	JLB301184-10	10 Tests
	JLB301184-20	20 Tests
MYEOV/CEN11 FISH Probe Kit	JLB301280- 5	5 Tests
	JLB301280-10	10 Tests
	JLB301280-20	20 Tests
MYEOV/IGH Dual Fusion FISH Probe Kit	JLB301251- 5	5 Tests
	JLB301251-10	10 Tests
	JLB301251-20	20 Tests
NFIB/CEN9 FISH Probe Kit	JLB301299- 5	5 Tests
	JLB301299-10	10 Tests
	JLB301299-20	20 Tests
NMYC/CEN2 FISH Probe Kit	JLB301203- 5	5 Tests
	JLB301203-10	10 Tests
	JLB301203-20	20 Tests
NOR FISH Probe Kit	JLB301248- 5	5 Tests
	JLB301248-10	10 Tests
	JLB301248-20	20 Tests
NR4A3 Break Apart FISH Probe Kit	JLB301298- 5	5 Tests
	JLB301298-10	10 Tests
	JLB301298-20	20 Tests
NTRK1 Break Apart FISH Probe Kit	JLB301008- 5	5 Tests
	JLB301008-10	10 Tests
	JLB301008-20	20 Tests

Ordering Information

Product Description	Catalog No.	Specification
NTRK2 Break Apart FISH Probe Kit	JLB301150- 5 JLB301150-10 JLB301150-20	5 Tests 10 Tests 20 Tests
NTRK3 Break Apart FISH Probe Kit	JLB301079- 5 JLB301079-10 JLB301079-20	5 Tests 10 Tests 20 Tests
NTRK3/ETV6 Dual Color, Dual Fusion FISH Probe Kit	JLB301095- 5 JLB301095-10 JLB301095-20	5 Tests 10 Tests 20 Tests
NUM1 Break Apart FISH Probe Kit	JLB301314- 5 JLB301314-10 JLB301314-20	5 Tests 10 Tests 20 Tests
NUP98 Break Apart FISH Probe Kit	JLB301293- 5 JLB301293-10 JLB301293-20	5 Tests 10 Tests 20 Tests
NUT Break Apart FISH Probe Kit	JLB301020- 5 JLB301020-10 JLB301020-20	5 Tests 10 Tests 20 Tests
P2RY8 Break Apart FISH Probe Kit	JLB301208- 5 JLB301208-10 JLB301208-20	5 Tests 10 Tests 20 Tests
P53/CEN8 FISH Probe Kit	JLB301164- 5 JLB301164-10 JLB301164-20	5 Tests 10 Tests 20 Tests
P53/D13S319 FISH Probe kit	JLB301225- 5 JLB301225-10 JLB301225-20	5 Tests 10 Tests 20 Tests
PAX3 Break Apart FISH Probe Kit	JLB301199- 5 JLB301199-10 JLB301199-20	5 Tests 10 Tests 20 Tests
PAX3/CEN2 FISH Probe Kit	JLB301057- 5 JLB301057-10 JLB301057-20	5 Tests 10 Tests 20 Tests
PAX3/FOXO1 Dual Color, Dual Fusion FISH Probe Kit	JLB301198- 5 JLB301198-10 JLB301198-20	5 Tests 10 Tests 20 Tests
PAX5 Break Apart FISH Probe Kit	JLB301294- 5 JLB301294-10 JLB301294-20	5 Tests 10 Tests 20 Tests
PBX1/E2A/HLF Tri-Color FISH Probe Kit	JLB301315- 5 JLB301315-10 JLB301315-20	5 Tests 10 Tests 20 Tests
PDGFRA Break Apart FISH Probe Kit	JLB301250- 5 JLB301250-10 JLB301250-20	5 Tests 10 Tests 20 Tests
PDGFRB Break Apart FISH Probe Kit	JLB301074- 5 JLB301074-10 JLB301074-20	5 Tests 10 Tests 20 Tests
PD-L1 Break Apart FISH Probe Kit	JLB301099- 5 JLB301099-10 JLB301099-20	5 Tests 10 Tests 20 Tests
PD-L1/ABL1 FISH Probe Kit	JLB301140- 5 JLB301140-10 JLB301140-20	5 Tests 10 Tests 20 Tests
PD-L1/CEN9 FISH Probe Kit	JLB301097- 5 JLB301097-10 JLB301097-20	5 Tests 10 Tests 20 Tests
Ph-Like ALL FISH Probe Kit Type II	JLB301103- 5 JLB301103-10 JLB301103-20	5 Tests 10 Tests 20 Tests
Ph-Like ALL FISH Probe Kit Type I	JLB301093- 5 JLB301093-10 JLB301093-20	5 Tests 10 Tests 20 Tests
PIK3CA/CEN3 FISH Probe Kit	JLB301011- 5 JLB301011-10 JLB301011-20	5 Tests 10 Tests 20 Tests
PML/RARα Dual Color, Dual Fusion FISH Probe Kit	JLB301029- 5 JLB301029-10 JLB301029-20	5 Tests 10 Tests 20 Tests
PRDM16/CEN1 FISH Probe Kit	JLB301047- 5 JLB301047-10 JLB301047-20	5 Tests 10 Tests 20 Tests
PSCA/CEN8 FISH Probe Kit	JLB301054- 5 JLB301054-10 JLB301054-20	5 Tests 10 Tests 20 Tests

Ordering Information

Product Description	Catalog No.	Specification
PSMD14 FISH Probe Kit	JLB301128- 5 JLB301128-10 JLB301128-20	5 Tests 10 Tests 20 Tests
PSMD4/CEN1 FISH Probe Kit	JLB301130- 5 JLB301130-10 JLB301130-20	5 Tests 10 Tests 20 Tests
PTEN/CEN10 FISH Probe Kit	JLB301018- 5 JLB301018-10 JLB301018-20	5 Tests 10 Tests 20 Tests
PTGS2/CEN1 FISH Probe Kit	JLB301281- 5 JLB301281-10 JLB301281-20	5 Tests 10 Tests 20 Tests
PTK2B Break Apart FISH Probe Kit	JLB301080- 5 JLB301080-10 JLB301080-20	5 Tests 10 Tests 20 Tests
RARα Break Apart FISH Probe Kit	JLB301091- 5 JLB301091-10 JLB301091-20	5 Tests 10 Tests 20 Tests
RB1(13q14)/ATM(11q22) FISH Probe Kit	JLB301302- 5 JLB301302-10 JLB301302-20	5 Tests 10 Tests 20 Tests
RB1/13q34 FISH Probe Kit	JLB301283- 5 JLB301283-10 JLB301283-20	5 Tests 10 Tests 20 Tests
RB1/CEN13 FISH Probe Kit	JLB301154- 5 JLB301154-10 JLB301154-20	5 Tests 10 Tests 20 Tests
RET Break Apart FISH Probe Kit	JLB301007- 5 JLB301007-10 JLB301007-20	5 Tests 10 Tests 20 Tests
ROS1 Break Apart FISH Probe Kit	JLB301006- 5 JLB301006-10 JLB301006-20	5 Tests 10 Tests 20 Tests
SMARCB1/CEN22 FISH Probe Kit	JLB301292- 5 JLB301292-10 JLB301292-20	5 Tests 10 Tests 20 Tests
SOX11/CEN2 FISH Probe Kit	JLB301064- 5 JLB301064-10 JLB301064-20	5 Tests 10 Tests 20 Tests
SPECC1L-ADORA2A/RET Dual Color, Single Fusion FISH Probe Kit	JLB301040- 5 JLB301040-10 JLB301040-20	5 Tests 10 Tests 20 Tests
SS18(SYT) Break Apart FISH Probe Kit	JLB301158- 5 JLB301158-10 JLB301158-20	5 Tests 10 Tests 20 Tests
STAT6/CEN12 FISH Probe Kit	JLB301310- 5 JLB301310-10 JLB301310-20	5 Tests 10 Tests 20 Tests
TAL1 Break Apart FISH Probe Kit	JLB301284- 5 JLB301284-10 JLB301284-20	5 Tests 10 Tests 20 Tests
TERC//MYC FISH Probe Kit	JLB301323- 5 JLB301323-10 JLB301323-20	5 Tests 10 Tests 20 Tests
TERC/CEN3 FISH Probe Kit	JLB301227- 5 JLB301227-10 JLB301227-20	5 Tests 10 Tests 20 Tests
TERT Break Apart FISH Probe Kit	JLB301206- 5 JLB301206-10 JLB301206-20	5 Tests 10 Tests 20 Tests
TERT/CEN5 FISH Probe Kit	JLB301113- 5 JLB301113-10 JLB301113-20	5 Tests 10 Tests 20 Tests
TFE3 Break Apart FISH Probe Kit	JLB301058- 5 JLB301058-10 JLB301058-20	5 Tests 10 Tests 20 Tests
TFEB Break Apart FISH Probe Kit	JLB301168- 5 JLB301168-10 JLB301168-20	5 Tests 10 Tests 20 Tests
TGFBR3/MGEA5 Dual Color, Dual Fusion FISH Probe Kit	JLB301278- 5 JLB301278-10 JLB301278-20	5 Tests 10 Tests 20 Tests
TLX1 Break Apart FISH Probe Kit	JLB301285- 5 JLB301285-10 JLB301285-20	5 Tests 10 Tests 20 Tests

Ordering Information

Product Description	Catalog No.	Specification
TLX3 Break Apart FISH Probe Kit	JLB301286- 5	5 Tests
	JLB301286-10	10 Tests
	JLB301286-20	20 Tests
TOP2A/CEN17 FISH Probe Kit	JLB301240- 5	5 Tests
	JLB301240-10	10 Tests
	JLB301240-20	20 Tests
TP53/CEN17 FISH Probe Kit	JLB301090- 5	5 Tests
	JLB301090-10	10 Tests
	JLB301090-20	20 Tests
TP63 Break Apart FISH Probe Kit	JLB301060- 5	5 Tests
	JLB301060-10	10 Tests
	JLB301060-20	20 Tests
TSLP Break Apart FISH Probe Kit	JLB301081- 5	5 Tests
	JLB301081-10	10 Tests
	JLB301081-20	20 Tests
TYK2 Break Apart FISH Probe Kit	JLB301082- 5	5 Tests
	JLB301082-10	10 Tests
	JLB301082-20	20 Tests
USP6 Break Apart FISH Probe Kit	JLB301061- 5	5 Tests
	JLB301061-10	10 Tests
	JLB301061-20	20 Tests
VHL/CEN3 FISH Probe Kit	JLB301098- 5	5 Tests
	JLB301098-10	10 Tests
	JLB301098-20	20 Tests
WT1 Break Apart FISH Probe Kit	JLB301263- 5	5 Tests
	JLB301263-10	10 Tests
	JLB301263-20	20 Tests
WT1/CEN11 FISH Probe Kit	JLB301262- 5	5 Tests
	JLB301262-10	10 Tests
	JLB301262-20	20 Tests
WWTR1 Break Apart FISH Probe Kit	JLB301272- 5	5 Tests
	JLB301272-10	10 Tests
	JLB301272-20	20 Tests
WWTR1/CAMTA1 Dual Color, Dual Fusion FISH Probe Kit	JLB301271- 5	5 Tests
	JLB301271-10	10 Tests
	JLB301271-20	20 Tests
X/Y/18 Trichromatic FISH Probe kit	JLB301211- 5	5 Tests
	JLB301211-10	10 Tests
	JLB301211-20	20 Tests
YAP1 Break Apart FISH Probe Kit	JLB301307- 5	5 Tests
	JLB301307-10	10 Tests
	JLB301307-20	20 Tests
YWHAE Break Apart FISH Probe Kit	JLB301308- 5	5 Tests
	JLB301308-10	10 Tests
	JLB301308-20	20 Tests
YWHAE/FAM22A Dual Color, Single Fusion FISH Probe Kit	JLB301063- 5	5 Tests
	JLB301063-10	10 Tests
	JLB301063-20	20 Tests
ZNF384 Break Apart FISH Probe Kit	JLB301046- 5	5 Tests
	JLB301046-10	10 Tests
	JLB301046-20	20 Tests



#03

FISH INSTRUMENTS

• FISH Auto System FAS-2000

FISH Auto System FAS-2000



The FAS-2000 Auto System is designed to streamline in situ hybridization experiments by automating the liquid exchange procedures. This system liberates laboratory technicians from the labor-intensive steps of in situ hybridization, significantly enhancing laboratory efficiency while reducing staff workload.



High Throughput

Up to 24 slides can be processed simultaneously.

Less Reagent Dosage

Only 40mL is required for a single sample.

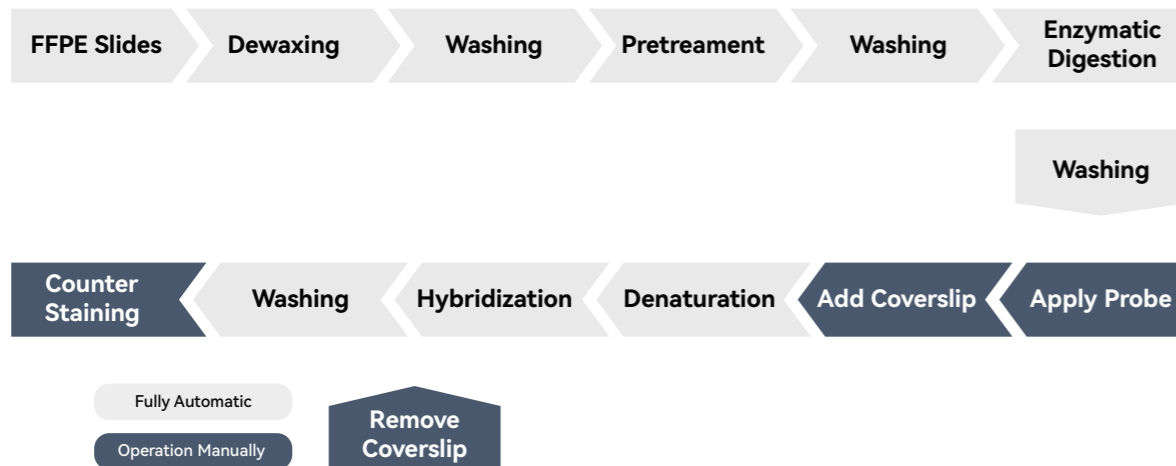
Safety-Oriented Design

Complete separation between fluid and electrical systems.

Integrated Interface

Large LCD touchscreen with Windows 10 operating system, featuring built-in standard protocols plus 100 customizable programs.

Experimental Flow Chart



Performance parameter

Product Model	FAS-2000
Capacity	up to 24 slides/run, three independent operating modules
Voltage	110-240V
Data Storage	100
L×W×H	598×522×375mm
Weight	39±1Kg
Type of Specimen Tested	FFPE Sildes, Cell samples slides (blood, bone marrow, urine, amniotic fluid)
Instrument Functions	Pre-treatment, gradient dehydration, co-denaturation, hybridization, washing
Dosing Volume	25-50ml
Operation Temperature and Accuracy	25°C ~ 95°C , ±0.5°C
Liquid Filling Accuracy	≥95%
Operating language	EN,CN



#04

ACCESSORIES AND REAGENTS

- FISH Pretreatment kits
- General Purpose Reagents

FISH Pretreatment kits

Used in tissue or cell samples to enhance the permeability of cell membranes.

In situ hybridization sample pretreatment reagents



Solid tumor samples are usually fixed and embedded to maintain the morphology of cells and tissues. In order to use FFPE samples for in situ hybridization experiments, tissue section samples must be dewaxed and pre-treated before hybridization to improve tissue permeability so that the probe and target DNA can fully contact and hybridize.

Ordering Information

Catalog No.	Specification	Certificate	Storage	Reagent composition
JLB101001	10/20/40Tests/Kit	RUO	2°C-8°C	Reagent composition 1 Pretreatment liquid Enzyme buffer Reagent composition 2 Lotion

Fluorescence In Situ Hybridization Specimen Treatment Kit



The Fluorescence In Situ Hybridization Specimen Treatment Kit is mainly intended for pretreatment of cell samples, to increase the cellular permeability and to expose the nucleus, thereby increasing the possibility for combination between the probe and target DNA, as well as the efficacy of hybridization.

Ordering Information

Catalog No.	Specification	Certificate	Storage	Reagent composition
JLB101002	20/40Tests/Kit	RUO	2°C-8°C	Reagent composition 1 Pretreatment liquid Enzyme buffer Reagent composition 2 Lotion

DAPI Mounting Medium

Ideal nuclear or chromosomal counterstain.

This formulation of DAPI Mounting Medium contains 4',6-diamidino-2-phenylindole (DAPI), which fluoresces when bound to DNA. DAPI excites at about 340 nm and emits at about 488 nm when bound to DNA, producing a blue fluorescence, and is ideal as a nuclear or chromosomal counterstain.

Ordering Information

Catalog No.	Main components	Specification	Volume	Certificate	Storage
JLB301189	DAPI(1.5 µg/ml), and glycerin, Antifade reagent,etc.	10/20/40Tests/Kit	500µl	RUO	below -15°C

Applicable Instruments

Fluorescence microscope. The configuration of the required fluorescence microscope includes: 10× eyepiece, and 10×, 40× and 100× objective lenses.

DAPI: excitation maximum: 340 nm, emission maximum: 488 nm.

Common signal type

