



# Urinalysis Strips



The Urine Reagent Strips (URS) used for urinalysis is a fundamental diagnostic tool used to identify pathological alterations in a patient's urine. A typical urine test strip may contain up to 14 distinct chemical pads or reagents, each of which reacts (changes color) when placed and then withdrawn from a urine sample.

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## FEATURES

- High sensitivity for analysis
- Compatible for visual and analyzer reading
- Visually read results or with reader as aid
- Automated production, very stable product performance
- OEM available, multiple combinations and packaging options

## SPECIFICATIONS

- Shelf life: 24 months
- Storage: 2-30 ° C
- Time to results: Within 2 minutes



			URS-14T	URS-13T	URS-11T	URS-10T	URS-2T
Name	Cut-off Value	Reader Detectable Analytes	Clinical/Professional Use				Self-Test
Leukocytes (LEU)	5-15 Leuko/ $\mu$ L	✓	✓	✓	✓	✓	✓
Nitrite (NIT)	13~22 $\mu$ mol/L	✓	✓	✓	✓	✓	✓
Urobilinogen (URO)	3.3-16 $\mu$ mol/L	✓	✓	✓	✓	✓	
Protein (PRO)	0.15~0.3g/L	✓	✓	✓	✓	✓	
pH	0.5	✓	✓	✓	✓	✓	
Blood (BLD)	5-15 Ery/ $\mu$ L	✓	✓	✓	✓	✓	
Specific Gravity (SG)	0.005	✓	✓	✓	✓	✓	
Ketone (KET) (Acetoacetic Acid)	0.5~1.0 mmol/L	✓	✓	✓	✓	✓	
Bilirubin (BIL)	8.6-17 $\mu$ mol/L	✓	✓	✓	✓	✓	
Glucose (GLU)	2.8~5.5 mmol/L	✓	✓	✓	✓	✓	
Ascorbic Acid (VC) (Ascorbate or Vitamin C)	0.5-0.6 mmol/L	✓	✓	✓	✓		
Microalbumin	0.08~0.15 mg/dL	.	✓	✓			
Creatinine	50 mg/dL	.	✓	✓			
Calcium	2.5 mmol/L	.	✓				
Kit Size		-	100 Strips/vial				1/2/3 Strips/box



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The urine analyzers are intended to be paired with urinalysis strips used in clinical urine testing. The urinalysis strips detect Leukocytes (LEU), Nitrite (NIT), Urobilinogen (URO), Protein (PRO), pH, Blood (BLD), Specific Gravity (SG), Ketone (KET, Acetoacetic Acid), Bilirubin (BIL), Glucose (GLU), and Ascorbic Acid (VC, Ascorbate or Vitamin C), in human urine.

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Name	Healgen 501	Healgen 500
Test Mode	Single-step test	Single step test (60 pieces/hour)
Display	LCD, resolution: 320x240	
Principle	RBG tricolor test theory	
Interface	USB, Bluetooth	RS232, Bluetooth
Repeatability	Coefficient of Variation (CV) $\leq 1\%$	
Stability	Coefficient of Variation (CV) $\leq 1\%$	
Compatibility	Compatible with 8,10, and 11 parameters	
Record Storage	Flash ROM, 500 data samples	Flash ROM, 1000 data samples
Built-In Printer	N/A	Built-in micro-thermal printer Paper row width: 57mm
Battery	Built-in rechargeable lithium battery 3.7V, 1900 mAh	N/A
Power Supply	100-240VAC, 50/60Hz	
Operation Environment	10°C ~ 30°C, $\leq 80$ RH	
Dimensions	126mm(L) x 73.5mm(W) x 30mm(H)	240mm(L)x220mm(W)x130mm(H)
Weight	0.18 kg	1.8 kg