

MICROALBUMIN CREATININE TEST STRIPS

Microalbumin and Creatinine test strips gives a one-minute, semi-quantitative test for microalbuminuria.



ACCURATE RESULTS

- Detect microalbumin as low as 30mg/L and provides better sensitivity compared to protein parameter.
- Quickly identifies patients who are at risk for developing microalbuminuria and early kidney damage.

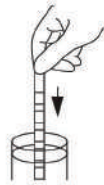
CONVENIENT OPERATION

- Gives 3 results in one test; microalbumin, creatinine, microalbumin/creatinine ratio
- Random test, no requirement of 24-hour urine sample.
- Easy to use, on site test with results in 60 seconds.

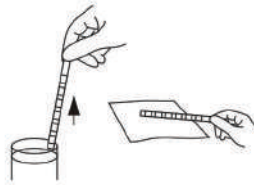
EFFECTIVE TESTING

- Quickly predicts glomerular damage in the absence of nephropathy
- Effective urine test for patients with kidney disease who are at a high risk for diabetes and hypertension, patients with immune disorders and patients who have been exposed to nephrotoxins.

TEST PROCEDURE



Step 1: Immerse strip into urine



Step 2: Remove excess urine



Step 3: Obtain results by analyzer or visual reading

SPECIFICATIONS

PARAMETER	READ TIME	TEST RANGE	STORAGE TEMPERATURE
Albumin	60 seconds	10-150 mg/L	Room Temperature of refrigerated (2-30°C or 36-86 °F)
Creatinine	60 seconds	10-300mg/L (0.9-26.5 mmol/L)	

INTERPRETATION OF A:C RATIO RESULTS

Albumin (mg/L)	Creatinine (mg/L)				
	10	50	100	200	300
10	Recollect Sample*	Normal**	Normal**	Normal**	Normal**
30	High Abnormal	Abnormal	Abnormal	Normal**	Normal**
80	High Abnormal	Abnormal	Abnormal	Abnormal	Normal**
100	High Abnormal	High Abnormal	Abnormal	Abnormal	Abnormal

- If specimen is too diluted to accurately determine ratio result. Repeat test on new specimen, preferably a first morning collection.
- Both albumin and A:C ratio results should be taken under consideration to determine clinical diagnosis decision or the need for confirmatory testing.

URINE STRIPS

The Insight® Urinalysis Strip is a great tool to get insight into the patient's overall health and their metabolic, liver and kidney functions. It is a very cost effective screening tool. The Insight® Urinalysis Strip is very reliable and has comparable performance to the market leaders.



EASE OF USE

- Compatible for visual and analyzer reading
- Up to 11 combinations available for visual reading
- Up to 7 combinations available for analyzer reading

RELIABLE RESULTS

- High ascorbic acid resistance
- Prevents false-negative results for Glucose, Blood, Nitrite and Bilirubin
- Equivalent to the market leader for enhanced accuracy
- Analytical sensitivity better than or equivalent to market leaders
- High quality color chart ensures accurate visual reading
- Results in 2 minutes

CONVENIENT

- 100 strips per canister
- 2 years shelf life for closed canisters and 3 month shelf life for opened canisters

RAPID ANALYSIS OF URINE SPECIMENS

- 4 Parameters - PRO, PH, SG and GLU
- 10 Parameters - LEU, NIT, URO, PRO, pH, BLO, SG, KET, BIL, GLU
- 11 Parameters - LEU, NIT, URO, PRO, pH, BLO, SG, KET, BIL, GLU, ASC

U-500 URINE ANALYZER

The U500 Urine Analyzer is semi-automatic and very easy to use with its touch screen feature. It can read up to 4 types of urine strip - 4, 5, 10 and 11 parameters.



AUTOMATED FEATURES

- 500 tests / hour allows efficient testing.
- Automatic strip detection, alignment and waste disposal.
- Automatically calibrates the analyzer whenever it is turned on.

SIMPLE AND EASY

- Simple menu accessible using large touch screen LCD.
- Strip carrier/waste tray unit designed for one-step easy cleaning
- Routine, STAT and QC test modes available

FLEXIBLE DATA MANAGEMENT

- Abnormal results flagged on print-out and highlighted on the screen automatically
- Memory capacity of 2,000 records and RS232C port for simple data transfer

OPTIONAL ACCESSORIES AVAILABLE

- Barcode scanner and printer paper roll

SPECIFICATIONS

Analyzer Type	Semi-Automatic
Methodology	Reflectance Photometry
Detection	Photosensitive Diode
Throughput	500 test/hour (Measuring Cycle: 7 seconds per test)
Test Categories	Routine, STAT and QC
Lock Out Functions	Strip lock out: Available upon request, User/QC Lock out: Included with option to turn ON/OFF
Memory	Last 2,000 records
Strip Incubation Time	1 Minute
Wavelength	525 and 635 nm
Default Strip	8, 9, 10, 11 Parameters (108 mm x 5mm)
Strips Available	1-11 Parameters (108 mm x 5 mm); see URS Parameters
Parameter Order	Can select the order of parameters for display and print out
Total Combination per Analyzer	4 Combinations
Waste Disposal Capacity	Up to 150 strips
Analyzer ports	RS232C Port for Barcode Reader or Data Transfer 25 Pin Parallel Port for External Printer
Data Entry Capabilities	Operator / Patient ID-Manual Entry and Barcode Reader (Up to 25 Characters)
Connection Capabilities	Internal Thermal Printer RS232C Barcode Reader (Optional) Optional External Printer RS232C Data Transfer Cable (Optional)
Major Readable Barcode	Code 128, Code 39, Caodabar (NW-7), EAN 8, EAN 13, Interleaved 25, UPCS, UPCE
Calibration	Automatic
Available Languages on the Screen	English and additional language(s)
Operating Conditions	0-40°C (32-104°F); <-85% RH
Storage Conditions	-5 to 50°C (23-122°F); <-90% RH
Power Source	240 VAC, 50-60 Hz
Dimension (LxWxH)	36.6 cm x 28.3 cm x 19.5 cm (14.4" x 11.1" x 7.7")
Display Dimension (LxWxH)	11.5 cm x 9.0 cm (4.5" x 3.5")
Weight	4.0 Kg. (8.8 lbs.) without batteries or Power Supply