



Urine Reagent Strips for
diagnosis of Microalbuminuria

U-AQS

Creatinine
Microalbumin
Glucose
Bilirubin
Ketones
Specific Gravity
Blood
pH
Protein
Urobilinogen
Nitrite
Leukocytes

Reagent Strips for Urinalysis

- Fast result visually or instrumentally
- High accuracy and reproducibility
- No interference in various conditions
- Quick Results (all reagent pads are read at once in 1~2 min. after dipping)
- Good resistance to humidity
- Long shelf life : 24 months
- Unusual color of urine can be reported and compensated
- kFDA & CE mark

Intended Use

Diagnosis is intended to detect microalbuminuria, an early indicator of deteriorating renal function which is manifested by appearance of low but abnormal concentration of albumin in urine. These low amounts of albumin in urine can be determined by semi-quantitative measurement of Microalbumin-to-Creatinine ratio in urine with dipsticks or U-AQ smart analyzer.

Albumin-to-Creatinine Ratio (ACR)

Microalbumin [mg/dL(mg/L)]	Creatinine [mg/dL (g/L)]				
	10 (0.1)	50 (0.5)	100 (1.0)	200 (2.0)	300 (3.0)
1 (10)	Re-analysis	Normal	Normal	Normal	Normal
3 (30)	High Abnormal	Abnormal	Abnormal	Normal	Normal
8 (80)	High Abnormal	Abnormal	Abnormal	Abnormal	Normal
15 (150)	High Abnormal	High Abnormal	Abnormal	Abnormal	Abnormal

Benefits

- Preventing early stage kidney damage by effective management of patients with diabetes and at potentially high risk for Proteinuria (high level of kidney disease).
- Results are shown in short time by referring to "Microalbumin-to-Creatinine ratio" amount in a random urine sample which eliminates the need of a 24 hour long sample collection.
- More sensitive and more specific results are collected than reagent strips designed for general protein testing.

Significance

Appropriate diagnosis of microalbuminuria is an important prognostic marker for and prevents:

- early stage kidney disease in diabetes mellitus and hypertension
- cardiovascular diseases complications
- acute respiratory failure
- multiple organ failure
- overall mortality

Ordering Information

Product	Packing	Ref no.	Test Parameters
U-AQS 2MAC	50 strips	3233	Ma, Cre
U-AQS 12MAC	50 strips	3813	Leu, Nit, Uro, Pro, pH, Bld, SG, Ket, Bil, Glu, Ma, Cre

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