

afinion™

Albumin/Creatinine Ratio Quantitative

SIMPLE

FAST

RELIABLE

Afinion™ ACR is an *in vitro* diagnostic test for quantitative determination of albumin, creatinine and albumin/creatinine ratio (ACR) in human urine.



Increase Your Diagnostic Accuracy

The American Diabetes Association Guidelines state:

“Screening for microalbuminuria can be performed by measurement of the albumin-to-creatinine ratio in a random spot collection (preferred method).”

Measurement of a spot urine for albumin only is susceptible to false-negative and false-positive determinations as a result of variation in urine concentration due to hydration and other factors.¹

¹Standard of Medical Care in Diabetes – 2010, American Diabetes Association.

SIMPLE

- Simple Sampling Procedure
- Ready-To-Use Controls
- Factory Calibrated
- Requires 3.5 µL Human Urine

FAST

- 5:35 Minutes Test Time
- No Sample Preparation

RELIABLE

- Quantitative Results
- Laboratory Quality Results

COMPARISON WITH OTHER METHODS

Feature	Afinion Albumin/ Creatinine Ratio	Laboratory Method	Dipstick Albumin/ Creatinine Ratio
Immediate Results – 5 Minutes, 35 Seconds	✓	NO	NO, Only Negative Results
Quantitative Results	✓	✓	NO, Semi-Quantitative
Laboratory Quality Results	✓	✓	NO
Optimized for Spot Urine Testing	✓	✓	✓

ADA TESTING RECOMMENDATIONS

Perform an annual test for the presence of microalbuminuria in type 1 diabetic patients with diabetes duration of ≥ 5 years and in all type 2 diabetic patients starting at diagnosis and during pregnancy.

Category	24-hr Collection Albumin (mg/24hr)	Timed Collection Albumin (µg/min)	Spot Collection ACR (mg/g)
Normal	<30	<20	<30
Microalbuminuria	30-300	20-200	30-300
Clinical Albuminuria	>300	>200	>300

The expected values are according to the recommendations given by the American Diabetes Association.

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