



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.

ACR



afinion™

Put science on your side.

 **Abbott**
A Promise for Life

Increase Your Diagnostic Accuracy

The American Diabetes Association Guidelines state:

“The analysis of spot sample for the albumin-to-creatinine ratio (ACR) is strongly recommended.”

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 – 2007, 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 Patients
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.

For *in vitro* diagnostic use. Refer to the Operator's manual for warnings, precautions and limitations regarding proper use of the Afinion AS100 analyzer. Manuals can be found on www.abbottdiagnostics.com.

Put science on your side. is a trademark of Abbott Laboratories in various jurisdictions. Afinion AS100 Analyzer is a registered trademark of Axis-Shield POC AS in the U.S.

www.abbottdiagnostics.com
1-877-4ABBOTT

