



Afinion™ ACR

Test for quantitative determination of albumin, creatinine and albumin/creatinine ratio (ACR) in human urine, used for early identification of renal disease in patients with diabetes and/or hypertension.

- simple • fast • reliable
- Lab quality results in 5 minutes
- 3.5 μ L random urine sample
- Increased accuracy with creatinine measurement



Benefits of ACR management

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

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

ADA, 2010. *Diabetes Care* 2010;33(supl 1):s11-s61.

3-step procedure



Reference range

Category	Random collection ACR	
	mg/g	mg/mmol
Normal	<30	<2.5
Microalbuminuria	30-300	2.5-25
Clinical albuminuria	>300	>25

The ADA recommends performing an annual test to assess urine albumin excretion in type 1 diabetic patients with diabetes duration of 5 years and in all type 2 diabetic patients, starting at diagnosis.

Other available tests

Afinion™ HbA1c, Afinion™ CRP and Afinion™ Lipid Panel



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