



Knowing now matters.™



Alere Afinion™ ACR

Simple. Fast. Reliable.

Identify renal disease early in your diabetic and hypertensive patients with laboratory-quality point-of-care results for albumin, creatinine, and albumin/creatinine ratio (ACR).

- Laboratory-quality results in 5 minutes
- 3.5 μ L of first void or random/spot urine
- Quantitative results
- Increased accuracy by measuring creatinine
- No sample preparation
- No manual calibration required
- Enhanced software features:
operator lockout, QC lockout, additional patient ID fields



Albumin to creatinine ratio (ACR) is a suitable method for annual screening for albuminuria which is recommended for type 2 diabetic patients¹. ACR is also suitable for annual nephropathy screening when it is recommended for type 1 diabetic patients².

Alere Afinion ACR Test

3-step procedure

1



2



3



Benefits of ACR management

The American Diabetes Association (ADA) Guidelines state:

“Screening for microalbuminuria can be performed by measurement of the albumin-to-creatinine ratio in a random spot collection (preferred method).”³

“Measurement of a spot 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.”⁴

Comparison with other methods

| Feature | Alere 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 |
| Optimised for spot urine testing | ✓ | ✓ | ✓ |

Connectivity

The Alere Afinion Data Connectivity Converter (ADCC) allows for simple transfer of patient and QC results from the Alere Afinion AS100 Analyzer to LIS/HIS system of choice.

- Results are transferred via Ethernet connection.
- Available standard formats are HL7, ASTM, and POCT1-A (selectable by configuration).
- ADCC configuration is performed with a web interface that can be opened using a common web browser.

Ordering Information

| Catalogue no. | Description | Pack size |
|-----------------------|------------------------------------|---------------------------------|
| AF1116043 | Alere Afinion ACR | 15T |
| AF1116046 | Alere Afinion ACR Quality Controls | 2 x 1.0 mL vials (Level I & II) |
| AF1116049 | Alere Afinion AS100 Analyser | Each |
| Other tests available | | |
| AF1116058 | Alere Afinion CRP | 15T |
| AF1116062 | Alere Afinion HbA1c | 15T |
| AF1116069 | Alere Afinion Lipid Panel | 15T |



Reference

1. Chadban, S. et al. National Evidence Based Guideline for Diagnosis, Prevention and Management of Chronic Kidney Disease in Type 2 Diabetes. Diabetes Australia and the NHMRC, Canberra 2009.
2. Craig ME, et al. for the Australian Type 1 Diabetes Guidelines Expert Advisory Group. National evidence-based clinical care guidelines for type 1 diabetes in children, adolescents and adults, Australian Government DOHA, Canberra 2011.
3. American Diabetes Association Diabetes Care 2015;38(Suppl. 1):s33-s40
4. American Diabetes Association Diabetes Care 2010;33(Suppl. 1):s11-s61.

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