



QuikRead CRP QuikRead U-ALB QuikRead FOB quantitative

QuikRead[®] U-ALB

Quantitative detection of microalbuminuria

- easy procedure
- quantitative result within 3 minutes
- sensitive down to concentrations of 5 mg/l
- as accurate as a laboratory test
- especially suitable for small laboratories and doctor's offices with non-laboratory personnel

QuikRead[®] U-ALB

Slightly elevated urinary albumin concentration – microalbuminuria – is a warning sign that renal damage and cardiovascular disease may be imminent, identifying individuals who require immediate therapy and regular monitoring.

Nephropathy is one of the most common complications of diabetes. Microalbuminuria is the earliest manifestation of kidney damage in diabetic patients. It is internationally recommended that diabetics should be monitored for incipient nephropathy by measuring urinary albumin a few times a year. Prompt detection of microalbuminuria is important because early intervention can halt and even reverse the progression of nephropathy.

Hypertensive individuals with microalbuminuria also have a greater incidence of cardiovascular events and renal insufficiency, compared with patients with normal urinary albumin excretion. Patients with hypertension will therefore also benefit from regular monitoring of urinary albumin concentration.

In addition, microalbuminuria is an independent risk factor for cardiovascular events and renal disease in nondiabetic and normotensive individuals.

QuikRead U-ALB is a simple test for the detection of microalbuminuria. Consisting of a small instrument and a ready-to-use kit, QuikRead U-ALB provides the user with a straightforward test procedure with a total assay time of about three minutes.

Features

- reproducible, quantitative results within the 5–150 mg/l range
- results as accurate as those obtained by central laboratory clinical chemistry analysers
- concentrations up to 40 g/l do not adversely affect the test result
- easy-to-use: no pipetting of reagents, built-in calibration, instrument robust and simple to operate
- no special training required

Literature

- BIGAZZI R ET AL. Microalbuminuria predicts cardiovascular events and renal insufficiency in patients with essential hypertension. *J Hypertension* 1998;16:1325-1333.
- BURTONWOOD CA ET AL. Evaluation of four POCT devices for the quantitation of microalbuminuria. Poster presented at the 16th IFCC-FESCC European Congress of Clinical Chemistry & Laboratory Medicine, Glasgow 8-12 May 2005.
- IVISON FM. Evaluation of four point of care testing devices for microalbumin estimation. Poster presented at Focus 2004, Birmingham, 18-20.5.2004.
- KAUSEN K ET AL. Very low levels of microalbuminuria are associated with increased risk of coronary heart disease and death independently of renal function, hypertension, and diabetes. *Circulation* 2004;110:32-35.
- VIBERTI GC ET AL. St Vincent declaration, 1994: Guideline for the prevention of diabetic renal failure. In Mogensen CE, editor. *The kidney and hypertension in diabetes mellitus*. Boston-Dordrecht-London, Kluwer Academic Publishers, 1994, p. 515-527.



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Product	Cat. No.
QuikRead 101 Instrument <ul style="list-style-type: none">• includes adapter, precision dispenser, manual and dust cover• operated on eight AA (1.5 V) batteries or a 100-240 V AC power supply• with connections to an external printer and pc• weight 1.3 kg, size 20 x 13 x 7 cm	06040
QuikRead U-ALB Kit, 50 tests	06014
Urine Albumin Control, 2 ml <ul style="list-style-type: none">• recommended for quality control	67881
QuikRead QuikLink Setup Wizard	06100
QuikRead QuikLink bar code reader <ul style="list-style-type: none">• connectivity to pc, electronic patient record or LIS/HIS	06109
QuikRead Capillaries, 50 pcs	67962
QuikRead Plungers, 50 pcs	67966
QuikRead Dispenser, 1 ml	05560
QuikRead Workstation	06159

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It's so easy to use!



702-07GB, 04/2015

International version (not intended for the US market)