

Microalbumin

FOR THE QUANTITATIVE MEASUREMENT OF LOW CONCENTRATIONS OF ALBUMIN

METHOD: IMMUNOTURBIDIMETRIC; ENDPOINT

Microalbumin measurements are used as an aid to monitor and diagnose kidney disorders.

Sekisui's Microalbumin assay method uses an immunoturbidimetric format which provides the sensitivity required for accurate measurement of low concentrations of albumin in urine.

Features:

- Two part ready to use stable liquid
- Applicable to multiple chemistry platforms

Benefits:

- Easy to use, no additional preparation required
- Flexible laboratory testing

Performance Characteristics

Precision

- Within-Run: $\leq 4.8\%$
- Total Precision: $\leq 6.0\%$

Accuracy^(a)

- Slope: 0.949
- Intercept: 0.4 mg/L (0.04 mg/dL)
- Correlation Coefficient: 0.9981

Linearity

- 5 - 300 mg/L (0.5 - 30.0 mg/dL)

No Significant Interferences Up to Levels Indicated

- Hemoglobin: 400 mg/dL (62 $\mu\text{mol/L}$)
- Bilirubin: 4 mg/dL (68.4 $\mu\text{mol/L}$)

Reference Range⁽¹⁾

URINE	24 H COLLECTION (mg/24 h)	TIMED COLLECTION ($\mu\text{g/min}$)	SPOT COLLECTION ($\mu\text{g/mg Creatinine}$)
Normal	< 30	< 20	< 30
Moderately increased	30-299	20-199	30-299
Clinical Albuminuria	≥ 300	≥ 200	≥ 300

(a) The performance of this method (y) was compared with the performance of a similar method (x) on a Roche/Hitachi® analyzer.

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Ordering information

	Configuration	Catalog Number
Microalbumin	R1 4 x 20mL R2 2 x 10mL	252-20
Microalbumin Calibration Material	6 x 1mL	SE-252

(1) American Diabetes Association. Diabetic Nephropathy. Diabetes Care, 2002; 25: (Suppl.1): S85-S89.



Experience + Technology + Portfolio + Support = **CLINICAL CHEMABILITY™**

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DIAGNOSTICS

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