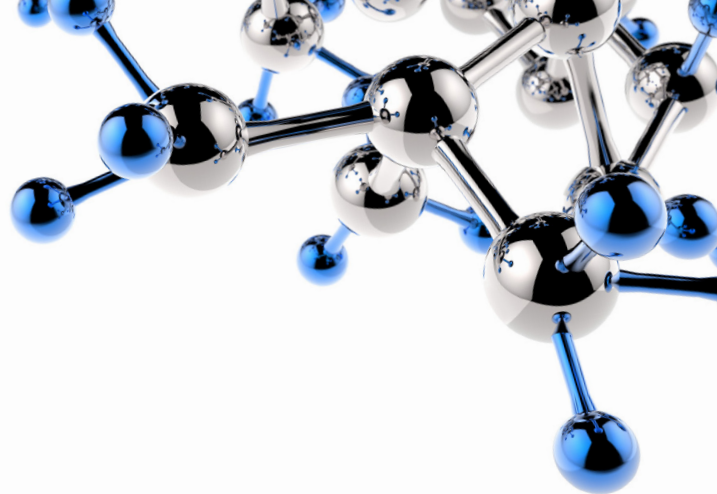




# CLINICAL CHEMISTRY



## 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<sup>(a)</sup>

- 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)

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

#### 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<sup>(1)</sup>

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	$\geq 300$	$\geq 200$	$\geq 300$

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

# Microalbumin

## Ordering Information

	Configuration	Catalog Number
MICROALBUMIN	R1 4 x 20mL R2 2 x 10mL	252-20
MICROALBUMIN CALIBRATION MATERIAL	6 x 1mL	SE-252

To learn more about our clinical chemistry reagent products scan the QR code or go to [Clinical Chemistry Reagents – SEKISUI Diagnostics](#).



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