



Microalbuminuria (MAU) Diagnostic Kit



A low but abnormal level ($> 30\text{mg/day}$) of MAU (urine micro-albumin) in urine is considered as an early marker of renal failure and cardiovascular complications in IDDM and NIDM. Persistent increase in urine albumin excretion rate between $30\text{-}300\text{mg/day}$ or $20\text{-}200\text{mg/liter}$ is the earliest clinically identifiable sign of risk of diabetic nephropathy and other vascular complications.

Clinical Use of [MAU Test](#)

- ◆ Early marker for diabetic complications;
- ◆ Marker for renal failure in Hypertension;
- ◆ Related to cardiovascular diseases;
- ◆ The earliest signal and marker for renal failure.

Parameters

Specimen	Urine
Specimen volume	80 μl
Cut off	20 $\mu\text{g/ml}$
Linear range	20-80 $\mu\text{g/ml}$
Precision	CV<15%
Accuracy	Relative deviation <20%
Interpretation time	5min
Test time	15s
Comparison	Compared with DiaSorin BN Prospec specific protein analyzer, linear correlation 0.92, agreement 94.2%

Application

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