

Albuwell M (m Albumin ELISA, Strip Plate)

Catalogue Number: 1011 Strip Plate

Methodology: Competitive ELISA

Summary of procedure: Albuwell M is an indirect competitive ELISA designed to monitor kidney function in the mouse by measurement of urinary albumin. To complete the assay, sample and rabbit anti-murine albumin antibody are added to albumin coated wells. The antibody interacts and binds with the albumin immobilized to the stationary phase or with albumin in the fluid phase, hence the notion of competitive binding.

A subsequent reaction with anti-rabbit -HRP conjugate labels the probe with enzyme. After washing, only the antibody-conjugate bound to the stationary phase remains in the well, and this is detected using a chromogenic reaction. Color intensity is inversely proportional to the logarithm of albumin in the fluid phase. The assay may be completed in less than 2.5 hours.

Specimen Required: Urine, 10ul

Assay Range: 0.3-10 ug/ml

Precision: Intraassay and interassay precision for samples within the useful range of the assay have a C.V.<10% of the mean.