Sheep Albumin ELISA

Manufacturer/Trade: Exocell / Albuwell O

Catalogue Number: 1013

Methodology: Competitive ELISA, Strip Plate

Summary of Procedure: Albuwell O is an indirect competitive ELISA designed to quantitatively measure albumin in biologic fluids from sheep. To complete the assay, sample and rabbit anti-sheep 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 IgG 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 1.5 hours.

Specimen Required: Urine, 10 µL

Assay Range: 0.16 - 10 µg/mL

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