

MOUSE ALBUMIN ELISA KIT

Catalog number

Mouse Albumin ELISA Kit80630

Intended use

A high quality enzymatic assay for the quantification of mouse albumin in serum, plasma, and urine.

Test principle

Crystal Chem's Mouse Albumin ELISA kit is a sandwich ELISA. An unknown amount of albumin present in the sample binds with anti-albumin antibodies bound to the microplate. After washing to remove unbound proteins, HRP-conjugated anti-albumin antibodies are added and form a complex with the albumin complex present in the wells. TMB substrate is then added to measure the concentration of albumin present.

Specifications

Sample Types	Serum, Plasma, and Urine
Assay Time	1 hour 10 minutes
Range	7.8 - 500 ng/mL
Sample Size	2 μ L
Precision	CV < 10 %
Sensitivity	1.70 ng/mL

Highlights

- ✓ Kits use only 2 μ L sample
- ✓ Wide dynamic range
- ✓ High sensitivity (1.7 ng/mL)
- ✓ Low cost per sample

Summary of protocol

Add 100 μ L diluted sample or standard to well plate
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Incubate for 30 minutes at room temperature
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Wash plate
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Add 100 μ L antibody conjugate
↓
Incubate for 30 minutes at room temperature
↓
Wash plate
↓
Add 100 μ L substrate solution
↓
Incubate for 10 minutes
↓
Add 100 μ L stop solution
↓
Measure OD at 450/630 nm

