

CATALOG# 80559

MOUSE PROGESTERONE ELISA KIT

Catalog number

Mouse Progesterone ELISA Kit80559

Intended use

A high quality enzymatic assay for the quantification of mouse progesterone in mouse serum and plasma.

Test principle

Crystal Chem's Mouse Progesterone ELISA kit is an enzyme-linked immunosorbent assay based on the principle of competitive binding. An unknown amount of progesterone present in the sample and a defined amount of progesterone conjugated to horseradish peroxidase compete for the binding sites of progesterone antiserum coated to the wells of a microplate. After incubation and a wash step, a substrate solution is added, and the concentration of progesterone is inversely proportional to the optical density measured.

Specifications

Sample Types	Serum and Plasma
Assay Time	1.5 hours
Range	0.4 - 100 ng/mL
Sample Size	10 µL
Precision	CV < 10 %
Sensitivity	0.04 ng/mL

Highlights

- ✓ Kits use only 10 µL sample
- ✓ No separate extraction required
- ✓ High sensitivity (0.04ng/mL)
- ✓ Low cost per sample

Summary of protocol

