CATALOG# 80558 RAT PROGESTERONE ELISA KIT



Catalog number

Rat Progesterone ELISA Kit80558

Intended use

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

Test principle

Crystal Chem's Rat Progesterone ELISA kit is an enzymelinked 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.

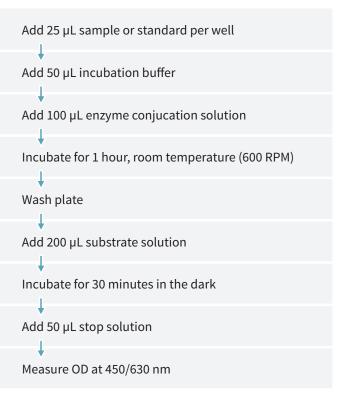
Specifications

Sample Types	Serum and Plasma
Assay Time	1.5 hours
Range	0.4 - 100 ng/mL
Sample Size	25 µL
Precision	CV < 10 %
Sensitivity	0.04 ng/mL

Highlights

- ✓ Kits use only 25 µL sample
- ✓ No separate extraction required
- ✓ High sensitivity (0.04ng/mL)
- ✓ Low cost per sample

Summary of protocol



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