

CATALOG# 80969

LUTEINIZING HORMONE (LH) ELISA KIT

Catalog number

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Intended use

A high quality enzymatic assay for the quantification of luteinizing hormone in human serum.

Test principle

Crystal Chem’s Luteinizing Hormone (LH) ELISA kit is a sandwich ELISA for luteinizing hormone. It utilizes two specific monoclonal antibodies; one immobilized onto microplate wells and one conjugated with HRP. Luteinizing hormone in the samples and standards binds to the antibodies on the microplate and the HRP labeled antibody in solution. After washing to remove unbound HRP antibody, a substrate solution and stop solution are added, and luteinizing hormone levels of the samples are measured by color intensity.

Specifications

Sample Types	Serum
Assay Time	1 hour 5 minutes
Range	5 - 200 IU/L
Sample Size	50 µL
Precision	CV < 10%
Sensitivity	1 IU/L

Highlights

- ✓ Kit uses 50 µL sample
- ✓ Fast assay time (< 1.5 hours)
- ✓ Wide dynamic working range
- ✓ High sensitivity (1 IU/L)

Summary of protocol

