CATALOG# 80962 ESTRADIOL ELISA KIT



Catalog number

Estradiol ELISA Kit......80962

Intended use

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

Test principle

Crystal Chem's Estradiol ELISA kit is a competitive ELISA for estradiol. It utilizes a specific antibody immobilized onto microplate wells and a labeled antigen conjugated with HRP. The unlabeled antigen present in the sample, standard, or control is incubated in the microplate well with HRP labeled antigen. Both the labeled and unlabeled antigen compete for binding to the immobilized antibody. After incubation, all unbound antigen is removed via a wash step. Subsequently, a substrate solution and stop solution are added, and estradiol levels of the samples can be measured by color intensity.

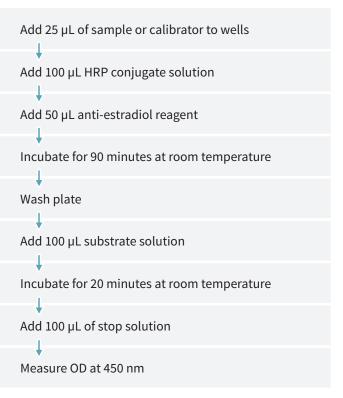
Specifications

Sample Types	Serum
Assay Time	1 hour 50 minutes
Range	10 - 1,000 pg/mL
Sample Size	25 µL
Precision	CV < 10%
Sensitivity	10 pg/mL

Highlights

- ✓ Kit uses 25 µL sample
- ✓ Fast assay time (< 2 hours)</p>
- ✓ Wide dynamic working range
- ✓ No special pretreatment of sample is necessary

Summary of protocol



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