

Human Opiorphin ELISA Kit

Catalog No: #EK21133



Package Size: #EK21133-1 96T

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Description

Product Name	Human Opiorphin ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human

Application Details

Detect Range:0.156-10ng/mL

Sensitivity:less than 0.078ng/mL

Sample Type:Serum, plasma and other biological fluids

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectro-photometrically at a wavelength of 450 nm \pm 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Detection Method:competitive

Note: This product is for in vitro research use only