

Human 17 beta-estradiol, 17beta-E2 ELISA Kit | 17beta-E2 elisa kit

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CATALOG #
AAA124022

REACTIVITY
Human

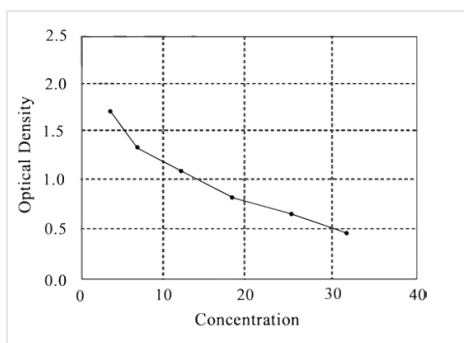
PRODUCT SYNONYMS

17 beta-estradiol; 17beta-E2; Human 17 beta-estradiol; 17beta-E2 ELISA Kit; 17beta-E2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	7.81-500ng/L
Sensitivity	4.33ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV< 10%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV< 12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 17beta-E2 elisa kit

Principle of the Assay: This kit is a Enzyme-Linked Immunosorbent Assay (ELISA). Add samples to the pre-coated plate. Then add biotinylated antigen. The antigens in the samples compete with the biotinylated antigen to bind to the capture antibody and incubate. Unbound antigen is washed away during a washing step. An avidin-HRP is then added and then incubate. Unbound avidin-HRP is washed away during a washing step. TMB Substrate is then added and color develops. The reaction is stopped by addition of acidic stop solution and color changes into yellow that can be measured at 450 nm. The intensity of the color developed is inversely proportional to the concentration of 17B-E2 in the sample. The concentration of 17B-E2 in the sample is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This competitive ELISA kit is for the quantification of 17 beta-estradiol(also known as 17B-E2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/17-beta-estradiol-17beta-e2/124022>