

Human Estrogen receptor beta ELISA Kit | ESR2 elisa kit

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CATALOG #
AAA310190

REACTIVITY
Human

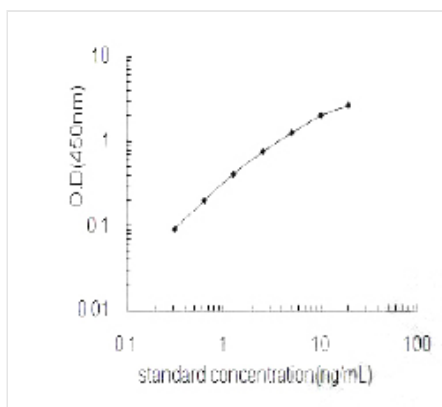
PRODUCT SYNONYMS

Estrogen receptor beta; Human Estrogen receptor beta ELISA Kit; ER-beta; Nuclear receptor subfamily 3 group A member 2; ESR2; ESTRB; NR3A2; ESR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ERbeta. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.312 ng/mL -20 ng/mL
Sensitivity	< 0.132 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ESR2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human estrogen receptor beta,er-beta concentrations in serum, plasma, tissue homogenates and cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ER-beta. Standards or samples are then added to the appropriate microtiter plate wells with a biotinconjugated polyclonal antibody preparation specific for ER-beta and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ERbeta, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ER-beta in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538325
NCBI GeneID	2100
NCBI Accession #	NP_001035365.1
NCBI GenBank Nucleotide #	NM_001040275.1
UniProt Accession #	Q92731; O60608; O60685; O60702; O60703; O75583; O75584; Q0MWT5; Q0MWT6; Q86Z31; A8K8K5; G3V5M5
Molecular Weight	53,209 Da
NCBI Official Full Name	estrogen receptor beta isoform 2
NCBI Official Synonym Full Names	estrogen receptor 2
NCBI Official Symbol	ESR2
NCBI Official Synonym Symbols	Erb; ESRB; ESTRB; NR3A2; ER-BETA; ESR-BETA
NCBI Protein Information	estrogen receptor beta
UniProt Protein Name	Estrogen receptor beta
UniProt Gene Name	ESR2
UniProt Synonym Gene Names	ESTRB; NR3A2; ER-beta

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.

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Online datasheet: <https://stage.aaabiotech.com/esr2-human-elisa-kits/estrogen-receptor-beta/310190>