

Human Estradiol 17-beta-dehydrogenase 2, HSD17B2 ELISA Kit | HSD17B2 elisa kit

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CATALOG #
AAA43761

REACTIVITY
Human

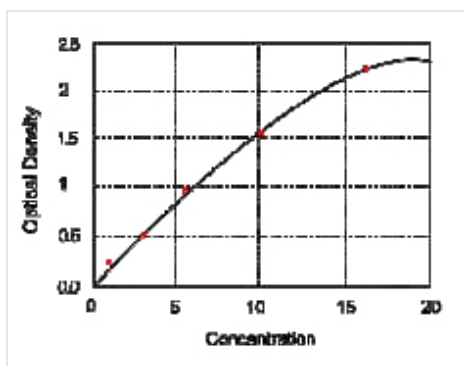
PRODUCT SYNONYMS

Estradiol 17-beta-dehydrogenase 2; HSD17B2; Human Estradiol 17-beta-dehydrogenase 2; HSD17B2 ELISA Kit; HSD17B2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	387
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2mU/ml-60mU/ml
Sensitivity	0.094mU/ml
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<8%
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<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD17B2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Erythropoiesis Stimulating Factor (also known as ESF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ESF antibody. ESF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ESF Antibody is added and binds to ESF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ESF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ESF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504503
NCBI GeneID	3294
NCBI Accession #	NP_002144.1
NCBI GenBank Nucleotide #	NM_002153.2
UniProt Accession #	P37059; B2R7T4
Molecular Weight	42,785 Da
NCBI Official Full Name	estradiol 17-beta-dehydrogenase 2
NCBI Official Synonym Full Names	hydroxysteroid 17-beta dehydrogenase 2
NCBI Official Symbol	HSD17B2
NCBI Official Synonym Symbols	HSD17; SDR9C2; EDH17B2
NCBI Protein Information	estradiol 17-beta-dehydrogenase 2
UniProt Protein Name	Estradiol 17-beta-dehydrogenase 2
UniProt Gene Name	HSD17B2
UniProt Synonym Gene Names	EDH17B2; SDR9C2; 17-beta-HSD 2; 20-alpha-HSD

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/estradiol-17-beta-dehydrogenase-2-hsd17b2/43761>