

Mouse Estrogen Receptor beta, ER-beta ELISA Kit | ER-beta elisa kit

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CATALOG #
AAA18951

REACTIVITY
Mouse

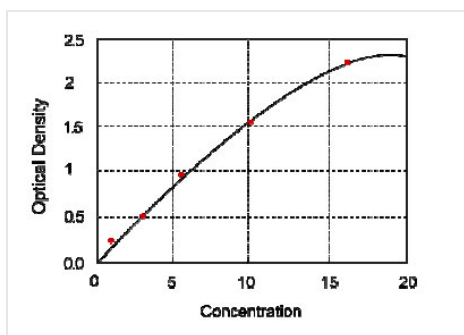
PRODUCT SYNONYMS

Estrogen Receptor beta; ER-beta; Mouse Estrogen Receptor beta; ER-beta ELISA Kit; ER-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	527
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
Detection Range	0.3-90ng/ml
Sensitivity	0.12ng/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 ER-beta elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ER-beta antibody. ER-beta present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ER-beta Antibody is added and binds to ER-beta in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ER-beta 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 Mouse ER-beta. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Estrogen Receptor beta (also known as ER-beta) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164448731
NCBI GeneID	281146
NCBI Accession #	NP_776476.2
NCBI GenBank Nucleotide #	NM_174051.3
UniProt Accession #	Q9XSB5; Q9TTS2
Molecular Weight	59,032 Da
NCBI Official Full Name	estrogen receptor beta
NCBI Official Synonym Full Names	estrogen receptor 2
NCBI Official Symbol	ESR2
NCBI Official Synonym Symbols	ERB
NCBI Protein Information	estrogen receptor beta
UniProt Protein Name	Estrogen receptor beta
UniProt Gene Name	ESR2
UniProt Synonym Gene Names	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/mouse-elisa-kits/estrogen-receptor-beta-er-beta/18951>