

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

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CATALOG #
AAA120839

REACTIVITY
Rat

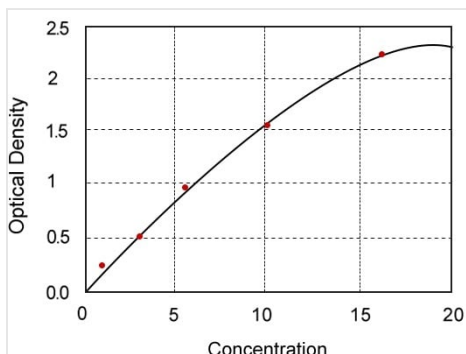
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	527
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.29ng/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Estrogen Receptor Beta (also known as ER-B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ER-B antibody. ER-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ER-B Antibody is added and binds to ER-B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ER-B 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 Rat ER-B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57619192
NCBI GeneID	443066
NCBI Accession #	NP_001009737.1
NCBI GenBank Nucleotide #	NM_001009737.1
UniProt Accession #	Q9TU15; Q9N0T6
Molecular Weight	36,176 Da
NCBI Official Full Name	estrogen receptor beta
NCBI Official Symbol	ESR2
NCBI Official Synonym Symbols	ERB; ERBETA
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/rat-elisa-kits/estrogen-receptor-beta-er-beta/120839>