

Rat Estradiol receptor, ER ELISA Kit | ER elisa kit

Rat Estradiol receptor, ER ELISA Kit

CATALOG #
AAA42258

REACTIVITY
Rat

PRODUCT SYNONYMS

Estradiol receptor; ER; Rat Estradiol receptor; ER ELISA Kit; ER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	595
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.28ng/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 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Estradiol Receptor (also known as ER) 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 antibody. ER present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ER Antibody is added and binds to ER in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ER 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. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170295804
NCBI GeneID	2099
NCBI Accession #	NP_001116214.1
NCBI GenBank Nucleotide #	NM_001122742.1
UniProt Accession #	P03372; Q13511; Q14276; Q5T5H7; Q6MZQ9; Q9NU51; Q9UDZ7; Q9UIS7
Molecular Weight	53,687 Da
NCBI Official Full Name	estrogen receptor isoform 1
NCBI Official Synonym Full Names	estrogen receptor 1
NCBI Official Symbol	ESR1
NCBI Official Synonym Symbols	ER; ESR; Era; ESRA; ESTRR; NR3A1
NCBI Protein Information	estrogen receptor
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	ESR1
UniProt Synonym Gene Names	ESR; NR3A1; ER

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/rat-elisa-kits/estradiol-receptor-er/42258>