

Mouse Estrogen Receptor Alpha (ERa) ELISA Kit | ERa elisa kit

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CATALOG #
AAA18961

REACTIVITY
Mouse

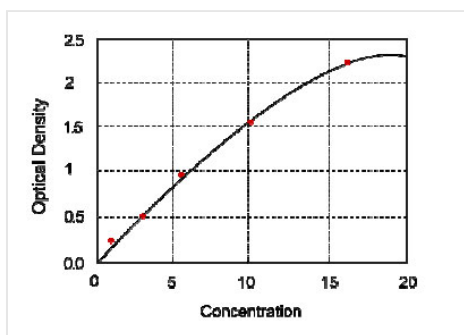
PRODUCT SYNONYMS

Estrogen Receptor Alpha (ERa); Mouse Estrogen Receptor Alpha (ERa) ELISA Kit; ERa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	444
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
Detection Range	20-4500ng/L
Sensitivity	9.23ng/L
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 ERa elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ERa antibody. ERa present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ERa Antibody is added and binds to ERa in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ERa 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 ERa. 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 Alpha (also known as ERa) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5821726
NCBI GeneID	2099
Molecular Weight	53,687 Da
NCBI Official Full Name	estrogen receptor alpha, partial
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://www.aaabiotech.com/mouse-elisa-kits/estrogen-receptor-alpha-era/18961>