

Mouse Estrogen receptor ELISA Kit | Esr1 elisa kit

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CATALOG #
AAA194268

REACTIVITY
Mouse

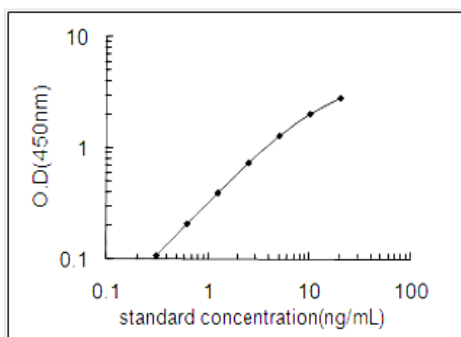
PRODUCT SYNONYMS

Estrogen receptor; Mouse Estrogen receptor ELISA Kit; ER; ER-alpha; Estradiol receptor; Nuclear receptor subfamily 3 group A member 1; Esr1; Esr; Estr; Estradiol; Nr3a1; Esr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse ER. No significant cross-reactivity or interference was observed.
Sequence Length	599
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.157 ng/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=8.9%
Recovery	93%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Esr1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse estrogen receptor,ER concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ER. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ER and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ER, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ER in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	700274121
NCBI GeneID	13982
NCBI Accession #	NP_001289460.1
NCBI GenBank Nucleotide #	NM_001302531.1
UniProt Accession #	P19785; Q9JJT5; Q9QY51; Q9QY52
Molecular Weight	66,955 Da
NCBI Official Full Name	estrogen receptor isoform 1
NCBI Official Synonym Full Names	estrogen receptor 1 (alpha)
NCBI Official Symbol	Esr1
NCBI Official Synonym Symbols	ER; ERa; ESR; Estr; Estra; Nr3a1; ERalpha; ER-alpha
NCBI Protein Information	estrogen receptor
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	Esr1
UniProt Synonym Gene Names	Esr; Estr; Estra; Nr3a1; ER
UniProt Entry Name	ESR1_MOUSE

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.