

Human ERalpha ELISA Kit | ERalpha elisa kit

Human ERalpha (Estrogen Receptor Alpha) ELISA Kit

CATALOG #
AAA164272

REACTIVITY
Human

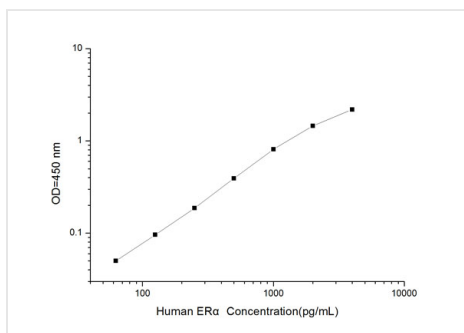
PRODUCT SYNONYMS

ERalpha; Human ERalpha (Estrogen Receptor Alpha) ELISA Kit; ERalpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ERalpha. No significant cross-reactivity or interference between Human ERalpha and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human ERalpha and all the analogues, therefore, cross reaction may still exist.
Sequence Length	599
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERalpha elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ERalpha in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ERalpha. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human ERalpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ERalpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human ERalpha. You can calculate the concentration of Human ERalpha in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679695
NCBI GeneID	13982
NCBI Accession #	NP_031982.1
NCBI GenBank Nucleotide #	NM_007956.5
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; Estrα; Nr3a1; ERalpha; ER-alpha
NCBI Protein Information	estrogen receptor; estradiol receptor; nuclear receptor subfamily 3 group A member 1
UniProt Protein Name	Estrogen receptor
UniProt Gene Name	Esr1
UniProt Synonym Gene Names	Esr; Estr; Estrα; 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.