

Human FSHR ELISA Kit | FSHR elisa kit

Human FSHR (Follicle Stimulating Hormone Receptor) ELISA Kit

CATALOG #
AAA164356

REACTIVITY
Human

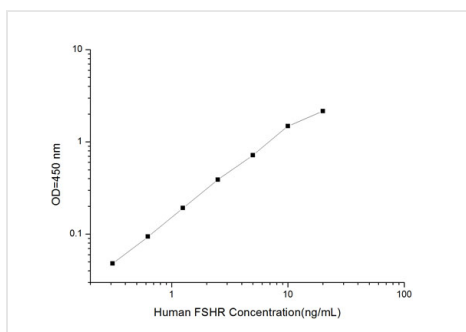
PRODUCT SYNONYMS

FSHR; Human FSHR (Follicle Stimulating Hormone Receptor) ELISA Kit; FSHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human FSHR in samples. No significant cross-reactivity or interference between Human FSHR and analogues was observed.
Sequence Length	669
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human FSHR were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human FSHR were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSHR elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human FSHR. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human FSHR and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human FSHR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 FSHR. You can calculate the concentration of Human FSHR in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human FSHR concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291575177
NCBI GeneID	2492
NCBI Accession #	NP_852111.2
NCBI GenBank Nucleotide #	NM_181446.2
UniProt Accession #	P23945; Q05AH0; Q16225; Q4QRJ3; Q4ZFZ2; Q53RW2; A8K947; G5CBS7; G5E967; J3KQ00
Molecular Weight	81,974 Da
NCBI Official Full Name	follicle-stimulating hormone receptor isoform 2
NCBI Official Synonym Full Names	follicle stimulating hormone receptor
NCBI Official Symbol	FSHR
NCBI Official Synonym Symbols	LGR1; ODG1; FSHRO
NCBI Protein Information	follicle-stimulating hormone receptor; FSH receptor; follitropin receptor
UniProt Protein Name	Follicle-stimulating hormone receptor
UniProt Gene Name	FSHR
UniProt Synonym Gene Names	LGR1; FSH-R
UniProt Entry Name	FSHR_HUMAN

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.