

Rat Follicle-stimulating hormone receptor ELISA Kit | Fshr elisa kit

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CATALOG #
AAA190512

REACTIVITY
Rat

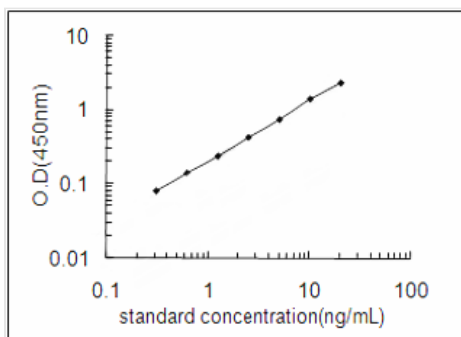
PRODUCT SYNONYMS

Follicle-stimulating hormone receptor; Rat Follicle-stimulating hormone receptor ELISA Kit; FSH-R; Follitropin receptor; Fshr; Fshr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat FSH-R. No significant cross-reactivity or interference was observed.
Sequence Length	692
Samples	Serum, Plasma , Urine ,tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	0.051 ng/mL
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 Fshr elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Follicle-stimulating hormone receptor ,FSH-R 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 FSH-R. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for FSH-R 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 FSH-R, biotin-conjugated antibody and enzymeconjugated 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 $\pm$ 2 nm. The concentration of FSH-R in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40385885
NCBI GeneID	25449
NCBI Accession #	NP_954707.1
NCBI GenBank Nucleotide #	NM_199237.1
UniProt Accession #	P20395; Q64183
Molecular Weight	77,681 Da
NCBI Official Full Name	follicle-stimulating hormone receptor
NCBI Official Synonym Full Names	follicle stimulating hormone receptor
NCBI Official Symbol	Fshr
NCBI Protein Information	follicle-stimulating hormone receptor
UniProt Protein Name	Follicle-stimulating hormone receptor
UniProt Gene Name	Fshr
UniProt Synonym Gene Names	FSH-R
UniProt Entry Name	FSHR_RAT

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/fshr-rat-elisa-kits/follicle-stimulating-hormone-receptor/190512>