

Mouse Follicle-stimulating hormone receptor (FSHR) ELISA Kit | FSHR elisa kit

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CATALOG #
AAA246478

REACTIVITY
Mouse

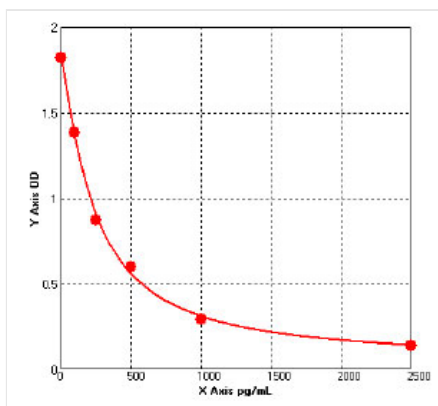
PRODUCT SYNONYMS

Follicle-stimulating hormone receptor (FSHR); Mouse Follicle-stimulating hormone receptor (FSHR) ELISA Kit; FSHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FSHR. No significant cross-reactivity or interference between FSHR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FSHR and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSHR elisa kit	Principle of the Assay: FSHR ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FSHR antibody and an FSHR-HRP conjugate. The assay sample and buffer are incubated together with FSHR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FSHR concentration since FSHR from samples and FSHR-HRP conjugate compete for the anti-FSHR antibody binding site. Since the number of sites is limited, as more sites are occupied by FSHR from the sample, fewer sites are left to bind FSHR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FSHR concentration in each sample is interpolated from this standard curve. Intended Uses: This FSHR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FSHR. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FSHR elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	685037
NCBI GeneID	2492
Molecular Weight	81,974 Da
NCBI Official Full Name	follicle-stimulating hormone receptor, partial
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/follicle-stimulating-hormone-receptor-fshr/246478>