

Rat KiSS-1 receptor ELISA Kit | Kiss1r elisa kit

Rat KiSS-1 receptor ELISA Kit

CATALOG #
AAA192878

REACTIVITY
Rat

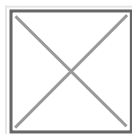
PRODUCT SYNONYMS

KiSS-1 receptor; Rat KiSS-1 receptor ELISA Kit; KiSS-1R; G-protein coupled receptor 54; G-protein coupled receptor OT7T175; rOT7T175; Kisspeptins receptor; Metastin receptor; Kiss1r; Gpr54; Kiss1r elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat KiSS-1R
Sequence Length	396
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	3.12ng/mL - 200 ng/mL
Sensitivity	<1.67 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.9%
Inter-assay Precision	Inter-Assay CV: <=9.7%
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 Kiss1r elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

667667733

NCBI GeneID	78976
NCBI Accession #	NP_076482.2
NCBI GenBank Nucleotide #	NM_023992.2
UniProt Accession #	Q924U1; Q9Z0T7
Molecular Weight	42,889 Da
NCBI Official Full Name	kiSS-1 receptor isoform 1
NCBI Official Synonym Full Names	KISS1 receptor
NCBI Official Symbol	Kiss1r
NCBI Official Synonym Symbols	Gpr54
NCBI Protein Information	kiSS-1 receptor
UniProt Protein Name	KiSS-1 receptor
UniProt Gene Name	Kiss1r
UniProt Synonym Gene Names	Gpr54; KiSS-1R; rOT7T175
UniProt Entry Name	KISSR_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/kiss1r-rat-elisa-kits/kiss-1-receptor/192878>