

Rat Kisspeptin 1 (KISS1) ELISA Kit | KISS1 elisa kit

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CATALOG #
AAA64245

REACTIVITY
Rat

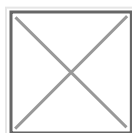
PRODUCT SYNONYMS

Kisspeptin 1 (KISS1); Rat Kisspeptin 1 (KISS1) ELISA Kit; Metastin; KiSS-1 Metastasis-Suppressor; KISS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of KISS1. No significant cross-reactivity or interference between KISS1 and analogues was observed.
Sequence Length	130
Samples	Serum, plasma and other biological fluids.
Assay Type	Competitive inhibition
Detection Range	31.25-2000pg/mL
Sensitivity	8.47pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KISS1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level KISS1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KISS1 elisa kit

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of KISS1 in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to KISS1 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled KISS1 and unlabeled KISS1 (Standards or samples) with the pre-coated antibody specific to KISS1. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of KISS1 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of KISS1 in the sample.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32140194
NCBI GeneID	289023
NCBI Accession #	NP_859043.1
NCBI GenBank Nucleotide #	NM_181692.1
UniProt Accession #	Q7TSB7
Molecular Weight	14,188 Da
NCBI Official Full Name	metastasis-suppressor KiSS-1
NCBI Official Synonym Full Names	KiSS-1 metastasis-suppressor
NCBI Official Symbol	Kiss1
NCBI Official Synonym Symbols	Eseptin
NCBI Protein Information	metastasis-suppressor KiSS-1
UniProt Protein Name	Metastasis-suppressor KiSS-1
UniProt Gene Name	Kiss1

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/rat-elisa-kits/kisspeptin-1-kiss1/64245>