

Rat Sonic hedgehog protein ELISA Kit | Shh elisa kit

Rat Sonic hedgehog protein ELISA Kit

CATALOG #
AAA193254

REACTIVITY
Rat

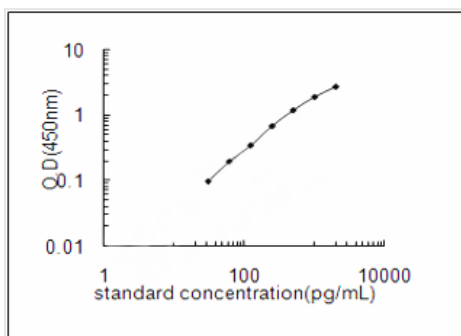
PRODUCT SYNONYMS

Sonic hedgehog protein; Rat Sonic hedgehog protein ELISA Kit; SHH; Shh; Vhh-1; Shh elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratSHH. No significant cross-reactivity or interference was observed.
Sequence Length	437
Assay Type	Sandwich
Detection Range	31.2-2000 pg/mL
Sensitivity	15.69 pg/mL
Intra-Assay CV	<=5.2%
Inter-Assay CV	<=9.3%
Recovery	111%
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 Shh elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat SHH concentrations in serum, Plasma, 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 SHH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SHH 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 SHH, 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 SHH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394267
NCBI GeneID	29499
NCBI Accession #	NP_058917.1
NCBI GenBank Nucleotide #	NM_017221.1
UniProt Accession #	Q63673
Molecular Weight	47,630 Da
NCBI Official Full Name	sonic hedgehog protein
UniProt Protein Name	Sonic hedgehog protein
UniProt Gene Name	Shh
UniProt Synonym Gene Names	Vhh-1; SHH
UniProt Entry Name	SHH_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.