

Mouse sonic hedgehog homolog (Drosophila) ELISA Kit | SHH elisa kit

Mouse Sonic hedgehog protein, SHH ELISA Kit

CATALOG #
AAA112366

REACTIVITY
Mouse

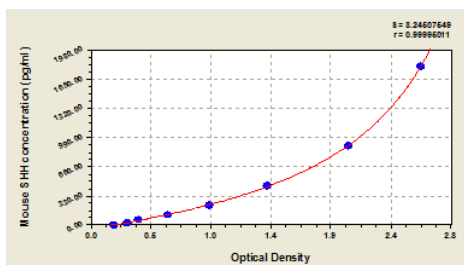
PRODUCT SYNONYMS

sonic hedgehog homolog (Drosophila); Mouse Sonic hedgehog protein; SHH ELISA Kit; Mouse Sonic hedgehog protein (SHH) ELISA kit; HHG1; HLP3; HPE3; MCOPCB5; SMMCI; TPT; TPTPS; sonic hedgehog; SHH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse SHH. No significant cross-reactivity or interference between Mouse SHH and analogues was observed.
Sequence Length	437
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	28 pg/ml-1800 pg/ml
Sensitivity	7 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHH elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SHH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SHH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SHH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SHH bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21617861
NCBI GeneID	20423
NCBI Accession #	NP_033196.1
NCBI GenBank Nucleotide #	NM_009170.3
UniProt Accession #	Q62226
Molecular Weight	47,773 Da
NCBI Official Full Name	sonic hedgehog protein
NCBI Official Synonym Full Names	sonic hedgehog
NCBI Official Symbol	Shh
NCBI Official Synonym Symbols	Hx; Dsh; Hhg1; Hxl3; M100081; 9530036O11Rik
NCBI Protein Information	sonic hedgehog protein; HHG-1; short digits; hemimelic extra toes
UniProt Protein Name	Sonic hedgehog protein
UniProt Gene Name	Shh
UniProt Synonym Gene Names	Hhg1; SHH
UniProt Entry Name	SHH_MOUSE

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/shh-mouse-elisa-kits/sonic-hedgehog-homolog-drosophila/112366>