

Bovine Hedgehog Homolog, Sonic ELISA Kit | SHH elisa kit

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CATALOG #
AAA88963

REACTIVITY
Bovine

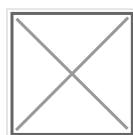
PRODUCT SYNONYMS

Hedgehog Homolog; Sonic; Bovine Hedgehog Homolog; Sonic ELISA Kit; SHH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This SHH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine SHH. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHH elisa kit

Principle of the assay: SHH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SHH antibody and an SHH-HRP conjugate. The assay sample and buffer are incubated together with SHH-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 SHH concentration since SHH from samples and SHH-HRP conjugate compete for the anti-SHH antibody binding site. Since the number of sites is limited, as more sites are occupied by SHH from the sample, fewer sites are left to bind SHH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SHH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1731491
Molecular Weight	46,403 Da
NCBI Official Full Name	shh, partial
UniProt Protein Name	Sonic hedgehog protein A

UniProt Gene Name	shha
UniProt Synonym Gene Names	shh; vhh1; SHHA
UniProt Entry Name	SHH_DANRE

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-bovine-ovine-elisa-kits/hedgehog-homolog-sonic/88963>