

Sheep Hepatoma Derived Growth Factor ELISA Kit | HDGF elisa kit

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CATALOG #
AAA93982

REACTIVITY
Sheep

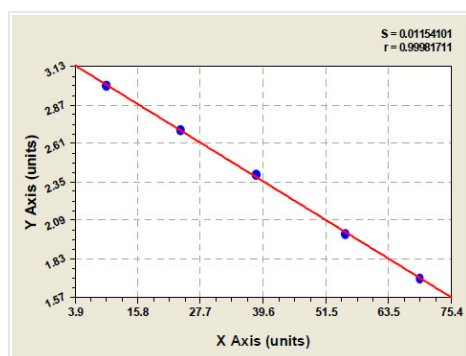
PRODUCT SYNONYMS

Hepatoma Derived Growth Factor; Sheep Hepatoma Derived Growth Factor ELISA Kit; HDGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDGF elisa kit

Intended Uses: This HDGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep HDGF. This ELISA kit for research use only!

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

Product Categories/Family for HDGF elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	269785271
NCBI GeneID	100313630
NCBI Accession #	NP_001161563.1
NCBI GenBank Nucleotide #	NM_001168091.1
NCBI Official Full Name	hepatoma derived growth factor
NCBI Official Symbol	LOC100313630
NCBI Protein Information	hepatoma derived growth factor

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/hdgf-sheep-elisa-kits/hepatoma-derived-growth-factor/93982>