

Sheep Kallikrein 6 ELISA Kit | KLK6 elisa kit

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CATALOG #
AAA89101

REACTIVITY
Sheep

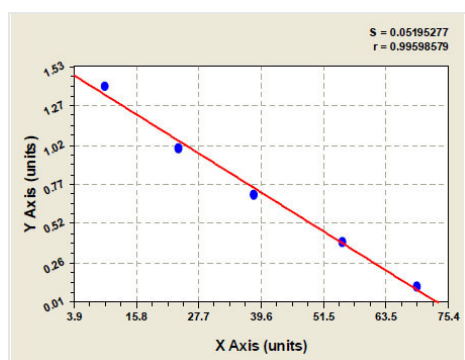
PRODUCT SYNONYMS

Kallikrein 6; Sheep Kallikrein 6 ELISA Kit; KLK6 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.
Intended Uses	This KLK6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep KLK6. 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 KLK6 elisa kit

Principle of the assay: KLK6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK6 antibody and an KLK6-HRP conjugate. The assay sample and buffer are incubated together with KLK6-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 KLK6 concentration since KLK6 from samples and KLK6-HRP conjugate compete for the anti-KLK6 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK6 from the sample, fewer sites are left to bind KLK6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for KLK6 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	61744426
NCBI GeneID	5653
NCBI Accession #	NP_001012983.1
NCBI GenBank Nucleotide #	NM_001012965.1
Molecular Weight	4,333 Da
NCBI Official Full Name	kallikrein-6 isoform B
NCBI Official Synonym Full Names	kallikrein-related peptidase 6
NCBI Official Symbol	KLK6
NCBI Official Synonym Symbols	hK6; Bssp; Klk7; SP59; PRSS9; PRSS18
NCBI Protein Information	kallikrein-6; zyme; neurosin; protease M; serine protease 9; serine protease 18
UniProt Protein Name	Kallikrein-6
UniProt Gene Name	KLK6
UniProt Synonym Gene Names	PRSS18; PRSS9
UniProt Entry Name	KLK6_HUMAN

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/klk6-sheep-elisa-kits/kallikrein-6/89101>