

Goat Kallikrein 7 ELISA Kit | KLK7 elisa kit

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CATALOG #
AAA91614

REACTIVITY
Goat

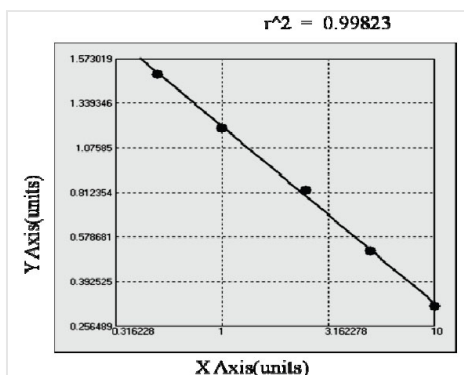
PRODUCT SYNONYMS

Kallikrein 7; Goat Kallikrein 7 ELISA Kit; KLK7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This KLK7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat KLK7. 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 KLK7 elisa kit

Principle of the Assay: KLK7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK7 antibody and an KLK7-HRP conjugate. The assay sample and buffer are incubated together with KLK7-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 KLK7 concentration since KLK7 from samples and KLK7-HRP conjugate compete for the anti-KLK7 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK7 from the sample, fewer sites are left to bind KLK7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK7 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for KLK7 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	333609286
NCBI GeneID	5650
NCBI Accession #	NP_001193982.1
NCBI GenBank Nucleotide #	NM_001207053.1
Molecular Weight	19,887 Da
NCBI Official Full Name	kallikrein-7 isoform 2
NCBI Official Synonym Full Names	kallikrein-related peptidase 7
NCBI Official Symbol	KLK7
NCBI Official Synonym Symbols	hK7; SCCE; PRSS6
NCBI Protein Information	kallikrein-7; signal protein; serine protease 6; stratum corneum chymotryptic enzyme; kallikrein 7 (chymotryptic, stratum corneum)
UniProt Protein Name	Kallikrein-7
UniProt Gene Name	KLK7
UniProt Synonym Gene Names	PRSS6; SCCE; hK7; hSCCE
UniProt Entry Name	KLK7_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/klk7-goat-elisa-kits/kallikrein-7/91614>