

Monkey Kallikrein 11 ELISA Kit | KLK11 elisa kit

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CATALOG #
AAA91145

REACTIVITY
Monkey

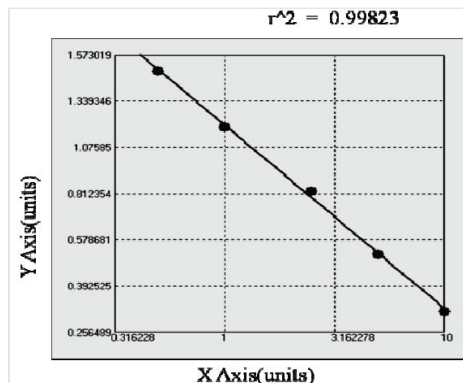
PRODUCT SYNONYMS

Kallikrein 11; Monkey Kallikrein 11 ELISA Kit; KLK11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This KLK11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey KLK11. 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 KLK11 elisa kit

Principle of the Assay: KLK11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK11 antibody and an KLK11-HRP conjugate. The assay sample and buffer are incubated together with KLK11-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 KLK11 concentration since KLK11 from samples and KLK11-HRP conjugate compete for the anti-KLK11 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK11 from the sample, fewer sites are left to bind KLK11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK11 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527289
NCBI GeneID	11012
NCBI Accession #	NP_001161077.1
NCBI GenBank Nucleotide #	NM_001167605.1
Molecular Weight	30,166 Da
NCBI Official Full Name	kallikrein-11 isoform 3
NCBI Official Synonym Full Names	kallikrein-related peptidase 11
NCBI Official Symbol	KLK11
NCBI Official Synonym Symbols	TLSP; PRSS20
NCBI Protein Information	kallikrein-11; hK11; hippostasin; kallikrein 11; serine protease 20; trypsin-like protease
UniProt Protein Name	Kallikrein-11
UniProt Gene Name	KLK11
UniProt Synonym Gene Names	PRSS20; TLSP; UNQ649/PRO1279; hK11
UniProt Entry Name	KLK11_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.