

Monkey KalliKrein 1 ELISA Kit | KLK 1 elisa kit

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CATALOG #
AAA91891

REACTIVITY
Monkey

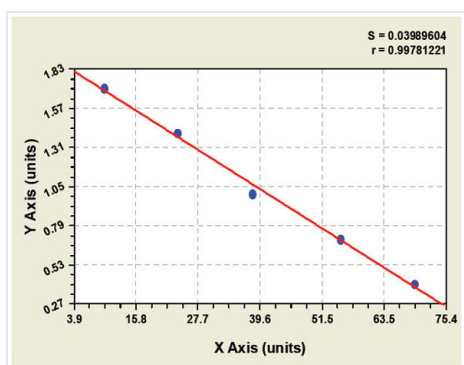
PRODUCT SYNONYMS

KalliKrein 1; Monkey KalliKrein 1 ELISA Kit; KLK 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK 1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This KLK 1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey KLK 1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY KLK 1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK 1 antibody and an KLK 1-HRP conjugate. The assay sample and buffer are incubated together with KLK 1-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 KLK 1 concentration since KLK 1 from samples and KLK 1-HRP conjugate compete for the anti-KLK 1 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK 1 from the sample, fewer sites are left to bind KLK 1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK 1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13529059
NCBI GeneID	3816
Molecular Weight	23,835 Da
NCBI Official Full Name	Kallikrein 1
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	KLK1
NCBI Official Synonym Symbols	hK1; KLKR; KIk6
NCBI Protein Information	kallikrein-1; tissue kallikrein; glandular kallikrein 1; kallikrein serine protease 1; kallikrein 1, renal/pancreas/salivary; kidney/pancreas/salivary gland kallikrein
UniProt Protein Name	Kallikrein-1
UniProt Gene Name	KLK1
UniProt Entry Name	KLK1_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/klk-1-monkey-elisa-kits/kallikrein-1/91891>