Rat KLK1 (Kallikrein 1) ELISA Kit | KLK1 elisa kit

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CATALOG #	REACTIVITY
AAA278463	**Rat**

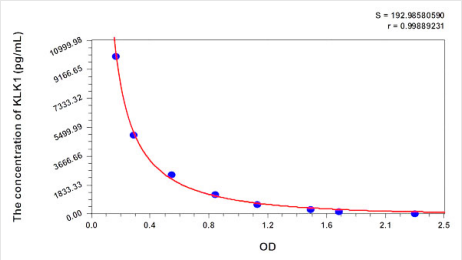
PRODUCT SYNONYMS

KLK1 (Kallikrein 1); Rat KLK1 (Kallikrein 1) ELISA Kit; KLKR; Klk6; HK1; Kallikrein 1; Renal/Pancreas/Salivary; Kidney/pancreas/salivary gland kallikrein; Tissue kallikrein; KLK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Competitive Inhibition
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.11ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK1 elisa kit	Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat KLK1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat KLK1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat KLK1 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for KLK1 elisa kit	Enzyme & Kinase; Tumor immunity; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	547788
NCBI GeneID	24594
UniProt Accession #	P00758; Q68G17

Molecular Weight	28,852 Da
NCBI Official Full Name	Kallikrein-1
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	Klk1
NCBI Official Synonym Symbols	Ngfg; rK-1; rGK-1; Klk1b3; Klk1c1
NCBI Protein Information	kallikrein-1; gamma-NGF; PS kallikrein; pancreatic kallikrein; true tissue kallikrein; nerve growth factor gamma chain; kallikrein 1-related peptidase b3; nerve growth factor gamma polypeptide
UniProt Protein Name	Kallikrein-1
UniProt Gene Name	**Ngfg**
UniProt Synonym Gene Names	Klk-1; Klk1; rK-1; True kallikrein
UniProt Entry Name	KLK1_RAT

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://www.aaabiotech.com/rat-elisa-kits/klk1-kallikrein-1/278463