

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

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CATALOG #  
**AAA278463**

REACTIVITY  
**Rat**

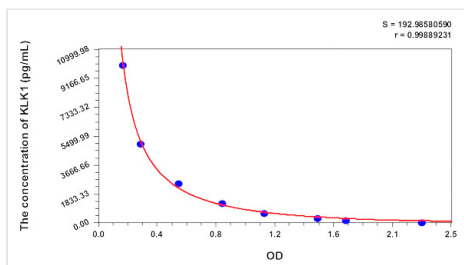
### PRODUCT SYNONYMS

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                | <b>Ngfg</b>                                                                                                                                                                                      |
| 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://stage.aaabiotech.com/rat-elisa-kits/klk1-kallikrein-1/278463>