

## Mouse Kallikrein 10 ELISA Kit | KLK10 elisa kit

Mouse Kallikrein 10 ELISA Kit

CATALOG #  
**AAA16119**

REACTIVITY  
**Mouse**

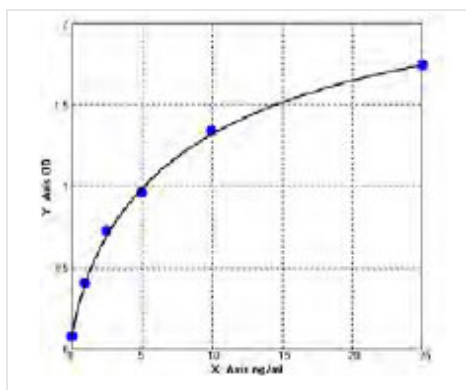
### PRODUCT SYNONYMS

Kallikrein 10; Mouse Kallikrein 10 ELISA Kit; KLK10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for KLK10 elisa kit

**Intended Uses:** This KLH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanKLH. This ELISA kit for research use only!

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

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 117422433                                                                                                                                                                                                                                                                                                                                                             |
| NCBI GeneID                      | 5655                                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Accession #                 | NP_001070968.1                                                                                                                                                                                                                                                                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_001077500.1                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Weight                 | 30,170 Da                                                                                                                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | kallikrein-10 preproprotein                                                                                                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | kallikrein-related peptidase 10                                                                                                                                                                                                                                                                                                                                       |
| NCBI Official Symbol             | KLK10                                                                                                                                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | NES1; PRSSL1                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Protein Information         | kallikrein-10; protease serine-like 1; kallikrein 10 protein 1; kallikrein 10 protein 2; kallikrein 10 protein 3; kallikrein 10 protein 4; kallikrein 10 protein 7; kallikrein 10 protein 8; kallikrein 10 protein 9; kallikrein 10 protein 12; protease, serine-like, 1; normal epithelial cell-specific 1; breast normal epithelial cell associated serine protease |
| UniProt Protein Name             | Kallikrein-10                                                                                                                                                                                                                                                                                                                                                         |
| UniProt Gene Name                | <b>KLK10</b>                                                                                                                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | NES1; PRSSL1                                                                                                                                                                                                                                                                                                                                                          |
| UniProt Entry Name               | KLK10_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://www.aaabiotech.com/klk10-mouse-elisa-kits/kallikrein-10/16119>