

## Human KLK11/Kallikrein 11 ELISA Kit | KLK11 elisa kit

Human KLK11/Kallikrein 11 ELISA Kit

CATALOG #  
**AAA258383**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

KLK11/Kallikrein 11; Human KLK11/Kallikrein 11 ELISA Kit; Kallikrein 11 ELISA Kit; Human; kallikrein-related peptidase 11; KLK11 ELISA Kit; PRSS20 ELISA Kit; TLSP ELISA Kit; KLK11 elisa kit

### PRODUCT SPECIFICATIONS

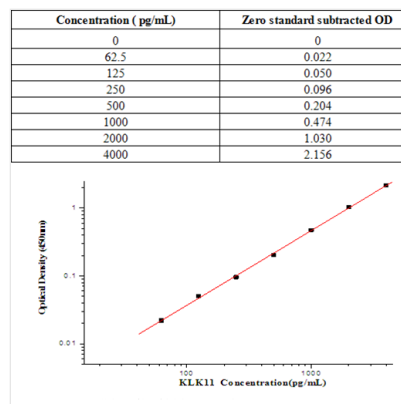
|                    |                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity         | Human                                                                                                                                                                                                                                                                                                                                     |
| Specificity        | The kit has been verified by high purity Human KLK11/Kallikrein 11 recombinant protein.                                                                                                                                                                                                                                                   |
| Assay Type         | Solid Phase Sandwich ELISA (quantitative)                                                                                                                                                                                                                                                                                                 |
| Sample Types       | Recombinant protein                                                                                                                                                                                                                                                                                                                       |
| Detection Range    | 62.5-4000pg/mL                                                                                                                                                                                                                                                                                                                            |
| Sensitivity        | 8.96pg/mL                                                                                                                                                                                                                                                                                                                                 |
| Conjugation        | HRP                                                                                                                                                                                                                                                                                                                                       |
| Materials Provided | <ol style="list-style-type: none"> <li>1. 96 well microplate coated with Capture Antibody</li> <li>2. Detection Antibody conjugated to HRP</li> <li>3. Standards</li> <li>4. Wash Buffer Concentrate</li> <li>5. Dilution Buffer Concentrate</li> <li>6. Color Reagent A</li> <li>7. Color Reagent B</li> <li>8. Stop Solution</li> </ol> |

### IMAGES

| Recombinant human |               |        |        |
|-------------------|---------------|--------|--------|
| IL-1              | IL-2          | IL-33  | IL-10  |
| IL-8              | TNF- $\alpha$ | IL-4   | IL-6   |
| IFN- $\gamma$     | MIP-1 $\beta$ | TIMP-1 | TIMP-2 |
| GM-CSF            | SCF           | PDGF   | VEGF   |
| KLK1              | KLK3          | KLK4   | KLK6   |
| KLK7              | KLK8          | KLK13  |        |
| Recombinant mouse |               |        |        |
| KLK11             |               |        |        |

#### Application Data

This assay recognizes recombinant Human KLK11. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



#### Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for KLK11 elisa kit | <p>This Kallikrein 11 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human Kallikrein 11 protein in Recombinant protein. It contains recombinant Human Kallikrein 11, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use.</p> <p>Background: kallikrein-related peptidase 11 (KLK11), also known as hippostasin, trypsin-like serine protease, and PRSS2, is a member of the human tissue kallikrein family. It is a subgroup of serine proteases with diverse physiological functions, which are implicated in carcinogenesis and some with potential that serving as novel biomarkers for ovarian and prostate cancer and other diseases. The KLK11 gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Two alternatively spliced forms exist, resulting in 25 (isoform 1) and 282 (isoform 2) amino acid sequences. Isoform 2 is identical to isoform 1, except for an inserted 32 amino acid segment. Isoform 1 is predominantly expressed in the brain whereas isoform 2 is preferentially expressed in the prostate.</p> |
| References                                      | <p>Yoshida S., et al., (1998), cDNA cloning and expression of a novel serine protease, TLSP. Biochim. Biophys. Acta 1399:225-228.</p> <p>Mitsui S., et al., (2000), A novel isoform of a kallikrein-like protease, TLSP/hippostasin, (PRSS20), is expressed in the human brain and prostate.Biochem. Biophys. Res. Commun. 272:205-211.</p> <p>Yousef G.M., et al., (2000), Genomic organization, mapping, tissue expression, and hormonal regulation of trypsin-like serine protease (TLSP PRSS20), a new member of the human kallikrein gene family.Genomics 63:88-96.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**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/human-elisa-kits/klk11-kallikrein-11/258383>