

Human KLK13/Kallikrein 13 ELISA Kit | KLK13 elisa kit

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CATALOG #
AAA258343

REACTIVITY
Human

PRODUCT SYNONYMS

KLK13/Kallikrein 13; Human KLK13/Kallikrein 13 ELISA Kit; Kallikrein 13 ELISA Kit; Human; kallikrein-related peptidase 13; KLK-L4 ELISA Kit; KLKL4 ELISA Kit; KLK13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The kit has been verified by high purity Human KLK13/Kallikrein 13 recombinant protein.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Recombinant protein
Detection Range	31.25-2000pg/mL
Sensitivity	8.17pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

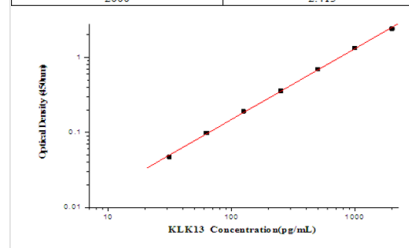
IMAGES

Recombinant human			
IL-1	IL-2	IL-33	IL-10
IL-8	TNF- α	IL-4	IL-6
IFN- γ	MIP-1 β	TIMP-1	TIMP-2
GM-CSF	SCF	PDGF	VEGF
KLK1	KLK3	KLK4	KLK6
KLK7	KLK8	KLK11	

Application Data

This assay recognizes recombinant Human KLK13. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.

Concentration (pg/mL)	Zero standard subtracted OD
0	0
31.25	0.047
62.5	0.098
125	0.191
250	0.358
500	0.691
1000	1.332
2000	2.413



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 KLK13 elisa kit	This Kallikrein 13 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human Kallikrein 13 protein in Recombinant protein. It contains recombinant Human Kallikrein 13, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Tissue kallikrein 13 (hK13), also known as KLK-L4 (kallikrein-like gene 4), is a member of the human tissue kallikrein family of serine proteases having diverse physiological functions in many tissues. The KLK13 gene resides on chromosome 19q13.3-4 along with other 14 members in a gene cluster and shares a high degree of homology. KLK13 is a trypsin-like, secreted serine protease expressed specifically in the testicular tissue including prostate, salivary gland, breast, and testis. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and may play a role in metastasis. KLK13 may be involved in the pathogenesis and/or progression of breast and ovary cancers and is regarded as a novel cancer biomarker. Besides, KLK13 interacts and forms complexes with several serum protease inhibitors, such as alpha2-macroglobulin, and its expression is regulated by steroid hormones.
References	Yousef G.M., et al., (2000), Identification and characterization of KLK-L4, a new kallikrein-like gene that appears to be down-regulated in breast cancer tissues. J. Biol. Chem. 275:11891-11898. Komatsu N., et al., (2003), Expression and localization of tissue kallikrein mRNAs in human epidermis and appendages.J. Invest. Dermatol. 121:542-549. Andres A.M., et al., (2007), Understanding the accuracy of statistical haplotype inference with sequence data of known phase.Genet. Epidemiol. 31:659-671.

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/klk13-kallikrein-13/258343>