

Human KLK13 ELISA Kit

Catalog No: #EK5504

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Description

Product Name	Human KLK13 ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO, G17-Q277
Other Names	Kallikrein-13; 3.4.21.-; Kallikrein-like protein 4; KLK-L4; KLK13; KLKL4;
Accession No.	Q9UKR3
Uniprot	Q9UKR3
GeneID	26085;
Cell Localization	Secreted.

Application Details

sensitivity:10pg mlDetect Range:156pg ml-10 000pg ml
sample_type:cell culture supernates cell lysates tissue homogenates serum and plasma(heparin EDTA).
capture_antibody:monoclonal antibody from mousedetection_antibody:polyclonal antibody from goat
gene_name:KLK13protein_name:Kallikrein-13gene_full_name:Kallikrein-13tissue_specificity: Expressed in prostate breast testis andsalivary gland.
sequence_similarities:tmb_incubation:25-30minresearch_category:signal transduction|cytoskeleton / ecm|extracellular matrix|ecm enzymes|kallikreins|cancer|invasion/microenvironment|cell biology|proteolysis / ubiquitin|proteolytic enzymes|serine protease

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human KLK13

Background

protein_function:Kallikrein-13 is a protein that in humans is encoded by the KLK13 gene. It belongs to the kallikrein subgroup of serine proteases, which have diverse physiologic functions in many tissues. By genomic sequence analysis, KLK13 gene is mapped in a 300-kb region on chromosome 19q13.3-q13.4. It has been shown that recombinant hK13 produced in yeast can cleave synthetic peptides after the arginine residue and some extracellular matrix components. However, its exact physiological substrates and functions remain obscure. Despite the lack of knowledge on the physiological function of hK13, several studies have demonstrated that hK13 is implicated with cancer of the breast and ovary and it can serve as a favorable prognostic biomarker for these malignancies.

Note: This product is for in vitro research use only