Kallikrein 3 (KLK3) ELISA Kit for Pigeon

PRODUCT OVERVIEW

Product Name	Kallikrein 3 (KLK3), ELISA Kit
Full Product Name	Pigeon Kallikrein 3 ELISA Kit
Product Gene Name	KLK3 elisa kit
Species Reactivity	Pigeon
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	28,890 Da
OMIM	147910
3D Structure	ModBase 3D Structure for P06870
Related Product Information for KLK3 elisa kit	MBS097265 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Kallikrein 3 (KLK3) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing KLK3. The ELISA analytical biochemical technique of the MBS097265 kit is based on KLK3 antibody-KLK3 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect KLK3 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, KLK3. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of KLK3 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KLK3. It may not necessarily be applicable to this product.

NCBI GI #	386843
NCBI GeneID	3816
NCBI Accession #	AAA59201.1
UniProt Primary Accession #	P06870
UniProt Secondary Accession #	Q66US9; Q86U61; Q8TCV8; Q9BS53; Q9NQU4; Q9UD19; Q9UMJ1
UniProt Related Accession #	P06870
NCBI Official Full Name	kallikrein, partial
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	KLK1
NCBI Official Synonym Symbols	hK1; KLKR; Klk6
UniProt Protein Name	Kallikrein-1
UniProt Synonym Protein Names	Kidney/pancreas/salivary gland kallikrein; Tissue kallikrein
Protein Family	Glandular kallikrein
UniProt Gene Name	KLK1

UniProt Entry Name	KLK1_HUMAN
NCBI Protein Information	kallikrein-1; tissue kallikrein; glandular kallikrein 1; kallikrein serine protease 1; kallikrein 1, renal/pancreas/salivary; kidney/pancreas/salivary gland kallikrein
NCBI Summary for KLK3	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008]
UniProt Comments for KLK3	KLK1: Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Belongs to the peptidase S1 family. Kallikrein subfamily. 2 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.4.21.35; Protease Chromosomal Location of Human Ortholog: 19q13.3 Cellular Component: nucleus Molecular Function: serine-type endopeptidase activity Biological Process: proteolysis Disease: Kallikrein, Decreased Urinary Activity Of
Research Articles on KLK3	**1.** These data do not support a role for the Tissue kallikrein-kinin system, protective or deleterious, in the development of insulin resistance and diabetes.
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