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Datasheet for ABIN6719900

Kallikrein 11 ELISA Kit

Overview

Quantity:	1 kit
Target:	Kallikrein 11 (KLK11)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Lysate, Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Hippostasin, hK11, Kallikrein 11, Kallikrein 11 isoform 1 preproprotein, Kallikrein 11 isoform 2 precursor, Kallikrein 11 precursor, Kallikrein related peptidase 11, Kallikrein-11 inactive chain 2, KLK 11, Kik11, KLK11_HUMAN, MGC33060, Protease serine 20 trypsin like, Protease serine trypsin like, PRSS20, Serine protease 20, TLSP, Trypsin like protease, Trypsin-like protease</p> <p>Background: Kallikrein-11 is a protein that in humans is encoded by the KLK11 gene. Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence</p>

Product Details

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. Alternate splicing of this gene results in two transcript variants encoding two different isoforms which are differentially expressed.

Gene Name: KLK11

Production: Natural and recombinant human KLK11. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: E19-N250

Target Details

Target:	Kallikrein 11 (KLK11)
Alternative Name:	KLK11 (KLK11 Products)
Gene ID:	11012
NCBI Accession:	NP_001129504
UniProt:	Q9UBX7
Pathways:	Complement System

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human KLK11 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, cell lysates, tissue homogenates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human KLK11 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 156pg/mL-10,000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
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Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
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