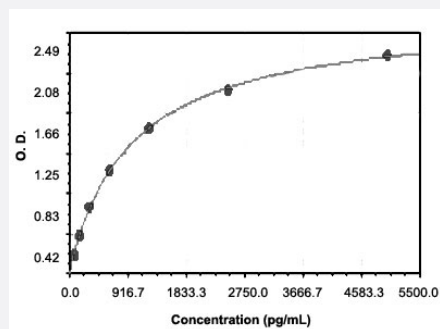


# KLK5 (Human) ELISA Kit

Catalog # KA2352      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

<b>Product Description</b>	KLK5 (Human) ELISA Kit is an immunoassay for quantitative detection of human KLK5 in serum, plasma, body fluids, tissue lysates or cell culture supernatant.
<b>Suitable Sample</b>	Cell culture supernatant, Human milk, Plasma (Heparin, EDTA), Saliva, Serum
<b>Sample Volume</b>	100 uL
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	78 to 5000 pg/mL
<b>Reactivity</b>	Human
<b>Regulation Status</b>	For research use only (RUO)
<b>Quality Control Testing</b>	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
<b>Storage Instruction</b>	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

## Applications

- Quantification

## Gene Info — KLK5

Entrez GeneID	<a href="#">25818</a>
Gene Name	KLK5
Gene Alias	KLK-L2, KLKL2, SCTE
Gene Description	kallikrein-related peptidase 5
Omim ID	<a href="#">605643</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]
Other Designations	kallikrein 5 kallikrein-like protein 2 stratum corneum tryptic enzyme

## Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)