

Chicken Kallikrein 10 ELISA Kit | KLK10 elisa kit

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CATALOG # AAA91257	REACTIVITY Chicken
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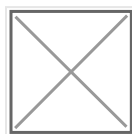
PRODUCT SYNONYMS

Kallikrein 10; Chicken Kallikrein 10 ELISA Kit; KLK10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK10 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This KLK10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken KLK10. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY KLK10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK10 antibody and an KLK10-HRP conjugate. The assay sample and buffer are incubated together with KLK10-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the KLK10 concentration since KLK10 from samples and KLK10-HRP conjugate compete for the anti-KLK10 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK10 from the sample, fewer sites are left to bind KLK10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK10 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for KLK10 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	117422433
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NCBI GeneID	5655
NCBI Accession #	NP_001070968.1
NCBI GenBank Nucleotide #	NM_001077500.1
UniProt Accession #	O43240; Q53YL3; Q99920; Q9GZW9; A6NC12; Q6ICR6
Molecular Weight	30,170 Da
NCBI Official Full Name	kallikrein-10 preproprotein
NCBI Official Synonym Full Names	kallikrein-related peptidase 10
NCBI Official Symbol	KLK10
NCBI Official Synonym Symbols	NES1; PRSSL1
NCBI Protein Information	kallikrein-10; kallikrein 10; protease serine-like 1; protease, serine-like, 1; normal epithelial cell-specific 1; breast normal epithelial cell associated serine protease
UniProt Protein Name	Kallikrein-10
UniProt Gene Name	KLK10
UniProt Synonym Gene Names	NES1; PRSSL1
UniProt Entry Name	KLK10_HUMAN

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/klk10-chicken-elisa-kits/kallikrein-10/91257>