

Chicken Kallikrein 2 ELISA Kit | KLK2 elisa kit

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CATALOG #
AAA96117

REACTIVITY
Chicken

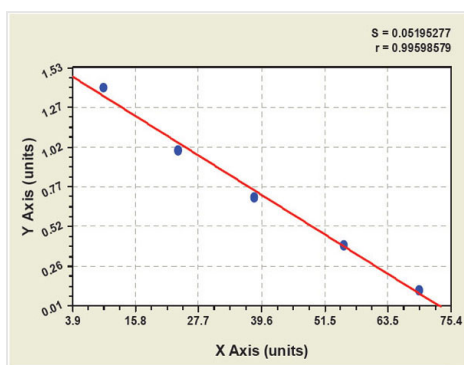
PRODUCT SYNONYMS

Kallikrein 2; Chicken Kallikrein 2 ELISA Kit; KLK2 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 KLK2 elisa kit

Principle of the assay: KLK2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLK2 antibody and an KLK2-HRP conjugate. The assay sample and buffer are incubated together with KLK2-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 KLK2 concentration since KLK2 from samples and KLK2-HRP conjugate compete for the anti-KLK2 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLK2 from the sample, fewer sites are left to bind KLK2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLK2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for KLK2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031829
NCBI GeneID	3817
NCBI Accession #	NP_005542.1
NCBI GenBank Nucleotide #	NM_005551.4
UniProt Accession #	P20151; Q15946; Q9UJZ9; B4DU93; B4DUB0; F5H8L3
Molecular Weight	28,671 Da
NCBI Official Full Name	kallikrein-2 isoform 1 preproprotein
NCBI Official Synonym Full Names	kallikrein-related peptidase 2
NCBI Official Symbol	KLK2
NCBI Official Synonym Symbols	hK2; hGK-1; KLK2A2
NCBI Protein Information	kallikrein-2; tissue kallikrein-2; glandular kallikrein 2; glandular kallikrein-1; kallikrein 2, prostatic
UniProt Protein Name	Kallikrein-2
UniProt Gene Name	KLK2
UniProt Synonym Gene Names	hGK-1
UniProt Entry Name	KLK2_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://www.aaabiotech.com/klk2-chicken-elisa-kits/kallikrein-2/96117>