

Porcine KERA ELISA Kit | KERA elisa kit

Porcine KERA (Keratocan) ELISA Kit

CATALOG #
AAA163596

REACTIVITY
Porcine

PRODUCT SYNONYMS

KERA; Porcine KERA (Keratocan) ELISA Kit; KERA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes natural and recombinant Porcine KERA. No significant cross-reactivity or interference between Porcine KERA and analogues was observed.
Sequence Length	352
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for KERA elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine KERA concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to KERA. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for KERA and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain KERA, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of KERA. You can calculate the concentration of KERA in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901992
NCBI GeneID	11081
NCBI Accession #	NP_008966.1
NCBI GenBank Nucleotide #	NM_007035.3
UniProt Accession #	O60938
Molecular Weight	40,509 Da

NCBI Official Full Name	keratocan
NCBI Official Synonym Full Names	keratocan
NCBI Official Symbol	KERA
NCBI Official Synonym Symbols	KTN; CNA2; SLRR2B
NCBI Protein Information	keratocan; keratan sulfate proteoglycan keratocan
UniProt Protein Name	Keratocan
UniProt Gene Name	KERA
UniProt Synonym Gene Names	SLRR2B; KTN
UniProt Entry Name	KERA_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/porcine-elisa-kits/ker/163596>