

Human Keratocan ELISA Kit | KERA elisa kit

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CATALOG #
AAA102384

REACTIVITY
Human

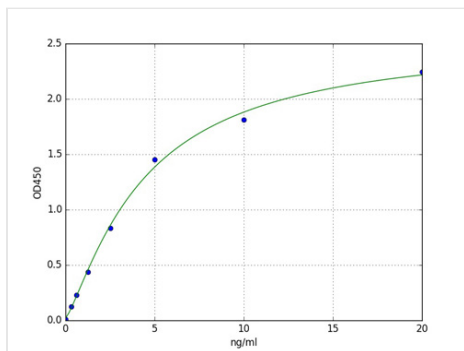
PRODUCT SYNONYMS

Keratocan; Human Keratocan ELISA Kit; KERA/Keratan sulfate proteoglycan keratocan/KTN/SLRR2B; KERA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	352
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human KERA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.022	0.084	0.146	0.273	0.503	0.959	1.226	1.974

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KERA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human KERA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KERA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human KERA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KERA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5901992

NCBI GeneID	11081
NCBI Accession #	NP_008966.1
NCBI GenBank Nucleotide #	NM_007035.3
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
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://stage.aaabiotech.com/keratin-human-elisa-kits/keratocan/102384>