

Human Protein Red ELISA Kit | IK elisa kit

Human Protein Red ELISA Kit

CATALOG #
AAA98083

REACTIVITY
Human

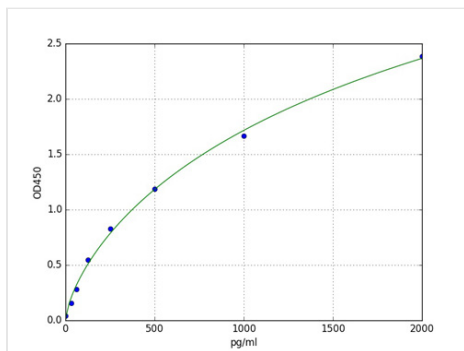
PRODUCT SYNONYMS

Protein Red; Human Protein Red ELISA Kit; IK/Protein RER/Cytokine IK/IK factor; IK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	557
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human IK 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	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.006	0.052	0.112	0.196	0.440	1.015	1.675	2.170

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IK elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IK antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IK 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 IK amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IK can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

125988409

NCBI GeneID	3550
NCBI Accession #	NP_006074.2
NCBI GenBank Nucleotide #	NM_006083.3
Molecular Weight	65,602 Da
NCBI Official Full Name	protein Red
NCBI Official Synonym Full Names	IK cytokine, down-regulator of HLA II
NCBI Official Symbol	IK
NCBI Official Synonym Symbols	RED; CSA2
NCBI Protein Information	protein Red
UniProt Protein Name	Protein Red
UniProt Gene Name	IK
UniProt Synonym Gene Names	RED; RER
UniProt Entry Name	RED_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/ik-human-elisa-kits/protein-red/98083>