

Human protein Red ELISA Kit | IK elisa kit

Human protein Red, IK ELISA Kit

CATALOG #
AAA81012

REACTIVITY
Human

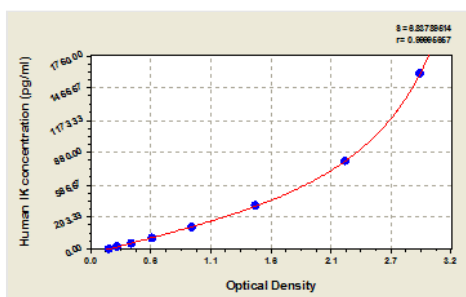
PRODUCT SYNONYMS

protein Red; Human protein Red; IK ELISA Kit; Human protein Red (IK) ELISA kit; Cytokine IK factor Protein RER IK RED; RER; IK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IK. No significant cross-reactivity or interference between human IK and analogues was observed.
Sequence Length	557
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	25 pg/ml-1600 pg/ml.
Sensitivity	6.25 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IK elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IK is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IK bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125988409
NCBI GeneID	3550
NCBI Accession #	NP_006074.2
NCBI GenBank Nucleotide #	NM_006083.3
UniProt Accession #	Q13123; Q6IPD8
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; IK factor; RD element; cytokine IK; prer protein; chondrosarcoma-associated protein 2
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/81012>