

Rat Protein Red ELISA Kit | Ik elisa kit

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CATALOG #
AAA56231

REACTIVITY
Rat

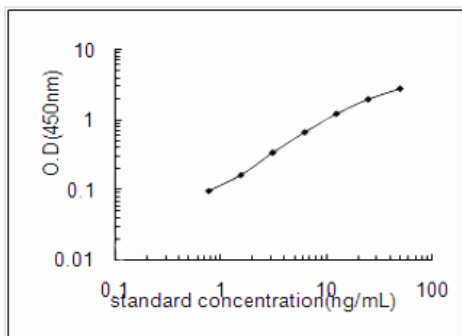
PRODUCT SYNONYMS

Protein Red; Rat Protein Red ELISA Kit; Ik elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Protein Red. No significant cross-reactivity or interference was observed.
Sequence Length	557
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.407 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=7.5%
Recovery	91%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ik elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Protein Red. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Protein Red and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Protein Red, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Protein Red in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	53850606
NCBI GeneID	291659
NCBI Accession #	NP_001005537.1
NCBI GenBank Nucleotide #	NM_001005537.1
UniProt Accession #	Q66HG8
Molecular Weight	65,588 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 Entry Name	RED_RAT

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-rat-elisa-kits/protein-red/56231>