

Rat Interleukin 12, IL-12/P70 ELISA Kit | IL-12/P70 elisa kit

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CATALOG #
AAA42388

REACTIVITY
Rat

PRODUCT SYNONYMS

Interleukin 12; IL-12/P70; Rat Interleukin 12; IL-12/P70 ELISA Kit; IL-12/P70 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	253
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/L - 40ng/L
Sensitivity	0.04ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-12/P70 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Interleukin 12 (also known as IL-12/P70) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IL-12/P70 antibody. IL-12/P70 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IL-12/P70 Antibody is added and binds to IL-12/P70 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-12/P70 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat IL-12/P70. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4323579
NCBI GeneID	3592
UniProt Accession #	P29459; Q96QZ1
Molecular Weight	24,874 Da
NCBI Official Full Name	interleukin 12
NCBI Official Synonym Full Names	interleukin 12A
NCBI Official Symbol	IL12A
NCBI Official Synonym Symbols	P35; CLMF; NFSK; NKSF1; IL-12A
NCBI Protein Information	interleukin-12 subunit alpha
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12A
UniProt Synonym Gene Names	NKSF1; IL-12A; CLMF p35; NKSF1

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/rat-elisa-kits/interleukin-12-il-12-p70/42388>