

Rat Interleukin 13, IL-13 ELISA Kit | IL-13 elisa kit

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CATALOG #
AAA42444

REACTIVITY
Rat

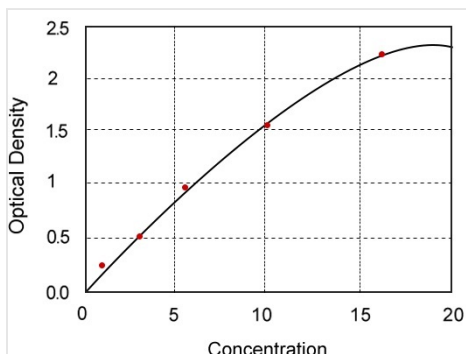
PRODUCT SYNONYMS

Interleukin 13; IL-13; Rat Interleukin 13; IL-13 ELISA Kit; IL-13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	146
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml - 1500pg/ml
Sensitivity	2.51pg/ml
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-13 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Interleukin 13 (also known as IL-13) 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-13 antibody. IL-13 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IL-13 Antibody is added and binds to IL-13 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-13 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-13. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	26787978
NCBI GeneID	3596
NCBI Accession #	NP_002179.2
NCBI GenBank Nucleotide #	NM_002188.2
UniProt Accession #	P35225; O43644; Q4VB52; Q9UDC7
Molecular Weight	15,816 Da
NCBI Official Full Name	interleukin-13 isoform 1
NCBI Official Synonym Full Names	interleukin 13
NCBI Official Symbol	IL13
NCBI Official Synonym Symbols	P600; IL-13
NCBI Protein Information	interleukin-13
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	NC30; IL-13

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://www.aaabiotech.com/rat-elisa-kits/interleukin-13-il-13/42444>