

Interleukin-13 ELISA Kit | IL13 elisa kit

Human IL-13 PicoKine ELISA Kit

CATALOG #
AAA46100

REACTIVITY
Human. There is no detectable cross-reactivity with other relevant proteins.

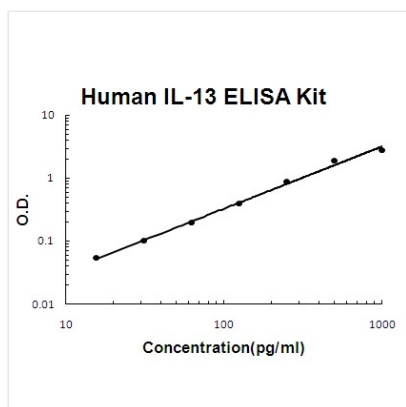
PRODUCT SYNONYMS

Interleukin-13; Human IL-13 PicoKine ELISA Kit; Allergic rhinitis; ALRH; BHR 1; BHR1; Bronchial hyperresponsiveness 1 (bronchial asthma); IL 13; IL-13; IL13; IL13_HUMAN; Interleukin 13; Interleukin13; MGC116786; MGC116788; MGC116789; NC30; P600; interleukin 13; IL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	146
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	E.coli, G21-N132
Intra-Assay Precision	Sample 1: n=16; Mean(pg/ml): 98; Standard deviation: 4.02; CV(%): 4.1 Sample 2: n=16; Mean(pg/ml): 340; Standard deviation: 10.88; CV(%): 3.2 Sample 3: n=16; Mean(pg/ml): 497; Standard deviation: 19.38; CV(%): 3.9
Inter-Assay Precision	Sample 1: n=24; Mean(pg/ml): 115; Standard deviation: 8.28; CV(%): 7.2 Sample 2: n=24; Mean(pg/ml): 354; Standard deviation: 19.82; CV(%): 5.6 Sample 3: n=24; Mean(pg/ml): 512; Standard deviation: 29.7; CV(%): 5.8
Assay Range	15.6pg/ml-1000pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human IL-13 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL13 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Human IL-13 Background: Interleukin 13 (IL-13) is a protein that in humans is encoded by the IL13 gene. IL-13 is cytokine secreted by many cell types, but especially T helper type 2 (Th2) cells which is an important mediator of allergic inflammation and disease. IL-13 induces its effects through a multi-subunit receptor that includes the alpha chain of the IL-4 receptor (IL-4Ralpha) and at least one of two known IL-13-specific binding chains. Most of the biological effects of IL-13, like those of IL-4, are linked to a single transcription factor, signal transducer and activator of transcription 6 (STAT6). The IL13 gene is clustered with IL3, IL5, IL4, and CSF2 on 5q.
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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
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
UniProt Entry Name	IL13_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/il13-human-elisa-kits/interleukin-13/46100>