

IL-13 antibody pair kit

Human IL-13 ELISA Set

CATALOG #
AAA58624

REACTIVITY
Human. No cross reactivity with other human cytokines.

PRODUCT SYNONYMS

IL-13; Human IL-13 ELISA Set; IL-13 antibody pair kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human cytokines.
Sequence Length	146
Samples	Supernatants, buffered solutions, serum, plasma samples and other body fluids
Assay Type	Qualitative Sandwich

ADDITIONAL INFORMATION

Related Product Information for IL-13 antibody pair kit	Intended Uses: The IL-13 ELISA Set is intended for use in a 'do it yourself' solid phase sandwich ELISA for the in vitro qualitative and quantitative determination of IL-13 in supernatants, buffered solutions, serum, plasma samples and other body fluids. This assay will recognise both natural and recombinant human IL-13. Principle of the Assay: capture Antibody highly specific for IL-13 is coated to the wells a microtitre strip plate. Binding of IL-13 samples and known standards to the capture antibodies and subsequent binding of the biotinylated anti-IL- 13 secondary antibody to the analyte is completed during the same incubation period. Any excess unbound analyte and secondary antibody is removed. The HRP conjugate solution is then added to every well including the zero wells, following incubation excess conjugate is removed by careful washing. A chromogen substrate is added to the wells resulting in the progressive development of a blue coloured complex with the conjugate. The colour development is then stopped by the addition of acid turning the resultant final product yellow. The intensity of the produced coloured complex is directly proportional to the concentration of IL-13 present in the samples and standards. The absorbance of the colour complex is then measured and the generated OD values for each standard are plotted against expected concentration forming a standard curve. This standard curve can then be used to accurately determine the concentration of IL-13 in any sample tested.
Product Categories/Family for IL-13 antibody pair kit	Human ELISA Sets
References	Ghannam, S. et al., J. Immunol.,2010; 185(1): 302-312 Ochensberger, B. et al., Blood,1996; 88(8): 3028-37. Ota M. O. C. et al., J Trop Pediatr, 2006; 52(2):136-40

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/human-antibody-pair-kits/il-13/58624>