

IL-1 beta antibody pair kit

Human IL-1 beta ELISA Set

CATALOG #
AAA58626

REACTIVITY
Human. No cross reactivity with other human cytokines.

PRODUCT SYNONYMS

IL-1 beta; Human IL-1 beta ELISA Set; IL-1 b; IL-1 beta antibody pair kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human cytokines.
Specificity	Recognizes both natural (pro and mature) and recombinant human IL-1b
Sequence Length	269
Intended Uses	The IL1beta ELISA Set is intended for use in a 'do it yourself' solid phase sandwich ELISA for the in vitro qualitative and quantitative determination of IL1beta in supernatants, buffered solutions, serum, plasma samples and other body fluids. This assay will recognise both natural and recombinant human IL1beta.
Sensitivity	The sensitivity, minimum detectable dose of this IL1beta antibody pair was determined using the IL1beta ELISA kit (which contains the same antibodies) and was found to be <6.5pg/ml. This was determined by adding 2 standard deviations to the mean OD obtained when the zero standard was assayed in 6 independent experiments.

ADDITIONAL INFORMATION

Related Product Information for IL-1 beta antibody pair kit	AAA Biotech ELISA Sets include capture and biotinylated detection antibody, one standard per plate, Streptavidin-HRP, TMB, and detailed procedure including buffer composition.
Product Categories/Family for IL-1 beta antibody pair kit	Human ELISA Sets
References	Haller D. et al., Clin. Diagn. Lab. Immunol., 2002; 9(3): 649 - 657 Kankkunen, P. et al., J. Immunol., 2009; 182(10): 6418-6425 Kankkunen, P. et al., J. Immunol., 2010; 184(11): 6335-6342

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835145
NCBI GeneID	3553
NCBI Accession #	NP_000567.1
NCBI GenBank Nucleotide #	NM_000576.2
Molecular Weight	30,748 Da
NCBI Official Full Name	interleukin-1 beta proprotein
NCBI Official Synonym Full Names	interleukin 1, beta
NCBI Official Symbol	IL1B
NCBI Official Synonym Symbols	IL-1; IL1F2; IL1-BETA
NCBI Protein Information	interleukin-1 beta

UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1B
UniProt Synonym Gene Names	IL1F2; IL-1 beta
UniProt Entry Name	IL1B_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-1-beta/58626>