

Human IL-1beta ELISA Kit | IL-1beta elisa kit

Human IL-1beta Pre-Coated ELISA Kit

CATALOG #
AAA79359

REACTIVITY
Human

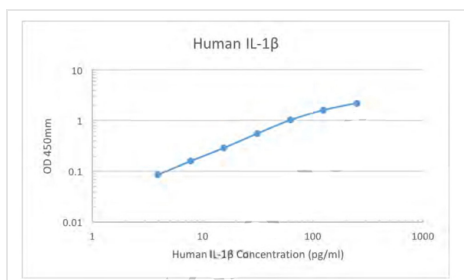
PRODUCT SYNONYMS

IL-1beta; Human IL-1beta Pre-Coated ELISA Kit; IL-1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IL-1beta
Samples	Cell culture supernates, serum, plasma, and other biological fluids
Detection Range	3.9 pg/mL - 250 pg/mL
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1beta elisa kit

Principle of the Assay: IL-1beta is a proinflammatory cytokine produced in a variety of cells, including monocytes, tissue macrophages, keratinocytes, and other epithelial cells. Both IL-1alpha and IL-1beta bind to the same receptor and have similar, if not identical, biological properties. These cytokines have a broad range of activities including the stimulation of thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, mitogenic FGF-like activity, and the release of prostaglandin and collagenase from synovial cells. However, whereas IL-1beta is a secreted cytokine, IL-1alpha is predominantly a cell-associated cytokine. The Human IL-1beta Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL-1beta with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IL-1beta. It contains E. coli-expressed recombinant Human IL-1beta. The detection antibody is a biotinylated goat polyclonal antibody specific for IL-1beta. The kit is analytically validated with ready to use reagents.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835145
NCBI GeneID	3553
NCBI Accession #	NP_000567.1

NCBI GenBank Nucleotide #	NM_000576.2
UniProt Accession #	P01584 ; Q53X59 ; Q53XX2 ; Q7M4S7 ; Q7RU01 ; Q96HE5 ; Q9UCT6
Molecular Weight	Calculated: 30 kDa; Observed: 36 kDa
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; IL-1 beta; catabolin; preinterleukin 1 beta; pro-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://www.aaabiotech.com/human-elisa-kits/il-1beta/79359>