

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

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CATALOG #
AAA11093

REACTIVITY
Human

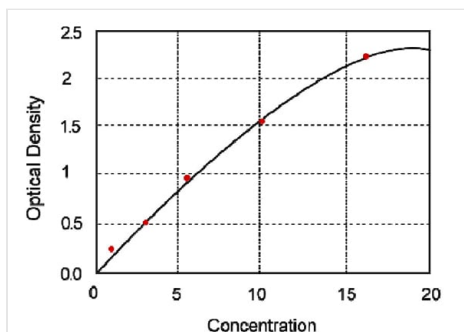
PRODUCT SYNONYMS

Interleukin 1beta; IL-1beta; Human Interleukin 1beta; IL-1beta ELISA Kit; IL-1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000pg/mL
Sensitivity	10.07pg/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-1beta elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human IL-1beta antibody. IL-1beta present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human IL-1beta Antibody is added and binds to IL-1beta in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-1beta 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 Human IL-1beta. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Interleukin 1beta (also known as IL-1beta) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52346210
NCBI GeneID	396565
NCBI Accession #	NP_001005149.1
NCBI GenBank Nucleotide #	NM_001005149.1
NCBI Official Symbol	IL1B2
NCBI Official Synonym Symbols	IL1B; IL-1beta
NCBI Protein Information	interleukin 1, beta

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/interleukin-1beta-il-1beta/11093>