

Human IL-1beta (Interleukin 1 Beta) CLIA Kit | IL-1b clia kit

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CATALOG #
AAA171002

REACTIVITY
Human

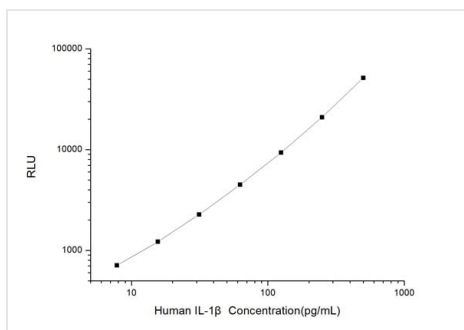
PRODUCT SYNONYMS

IL-1beta (Interleukin 1 Beta); Human IL-1beta (Interleukin 1 Beta) CLIA Kit; IL1B; IL1-BETA; IL1F2; catabolin; Human IL-1b (Interleukin 1 Beta) CLIA Kit; Human IL-1b; IL-1b clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IL-1beta in samples. No significant cross-reactivity or interference between Human IL-1beta and analogues was observed.
Sequence Length	283
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.81-500pg/mL
Sensitivity	4.69pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IL-1beta were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human IL-1beta were tested on 3 different plates, 20 replicates in each plate.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1b clia kit	Principle of the Assay: This CLIA kit uses the Sandwich- CLIA principle. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Human IL-1beta. Standards or samples are added to the micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IL-1beta and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IL-1beta, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Human IL-1beta. You can calculate the concentration of Human IL-1beta in the samples by comparing the RLU value of the samples to the standard curve. Intended Uses: This CLIA kit applies to the in vitro quantitative determination of Human IL-1beta concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148226412
NCBI GeneID	373606
NCBI Accession #	NP_001079074.1
NCBI GenBank Nucleotide #	NM_001085605.1
NCBI Official Full Name	interleukin 1, beta
NCBI Official Synonym Full Names	interleukin 1, beta
NCBI Official Symbol	il1b
NCBI Official Synonym Symbols	IL-1; IL-1B; il1b-A
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.

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Online datasheet: <https://stage.aaabiotech.com/il-1b-human-clia-kits/il-1beta-interleukin-1-beta/171002>