

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

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CATALOG #
AAA170814

REACTIVITY
Rat

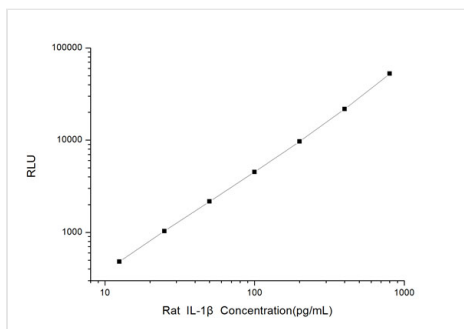
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant IL-1beta. No significant cross-reactivity or interference between IL-1beta and analogues was observed.
Sequence Length	283
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1b clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of IL-1beta concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to IL-1beta. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IL-1beta and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain IL-1beta, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of IL-1beta. You can calculate the concentration of IL-1beta in the samples by comparing the RLU value of the samples to the standard curve.

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-rat-clia-kits/il-1beta-interleukin-1-beta/170814>