

Rat Interleukin-1 beta ELISA Kit | IL1b elisa kit

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CATALOG #
AAA310004

REACTIVITY
Rat

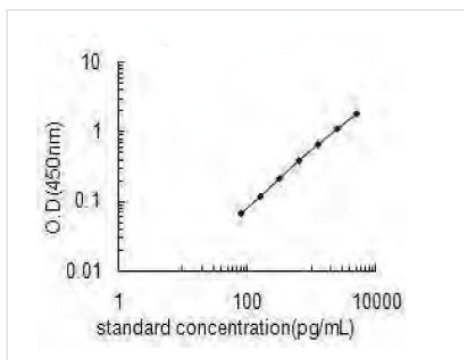
PRODUCT SYNONYMS

Interleukin-1 beta; Rat Interleukin-1 beta ELISA Kit; IL-1 beta; IL1b; IL1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratIL-1 beta. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0pg/ml -5000pg/ml
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1b elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-1 beta. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-1 beta and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain IL-1 beta, biotin-conjugated antibody and enzyme- conjugated Avidin will exhibit a change in color. The enzyme- substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of IL-1 beta in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat IL-1 beta concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497335
NCBI GeneID	24494
UniProt Accession #	Q63264
Molecular Weight	30,644 Da
NCBI Official Full Name	Interleukin-1 beta
NCBI Official Synonym Full Names	interleukin 1 beta
NCBI Official Symbol	IL1b
NCBI Official Synonym Symbols	IL-1F2
NCBI Protein Information	interleukin-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1b
UniProt Synonym Gene Names	IL-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.