

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

Rat IL-1beta Pre-Coated ELISA Kit

CATALOG #
AAA79422

REACTIVITY
Rat

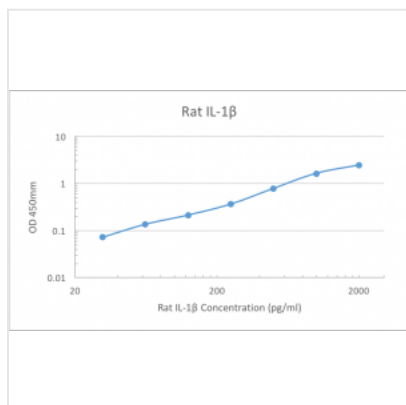
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat IL-1beta
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<1pg/ml
Components	Anti-Rat IL-1beta Pre-coated 96-well strip microplate Rat IL-1beta Standard Rat IL-1beta Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
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	IL-1b is a proinflammatory cytokine produced in a variety of cells, including monocytes, tissue macrophages, keratinocytes, and other epithelial cells. Both IL-1a and IL-1b 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-1b is a secreted cytokine, IL-1a is predominantly a cell-associated cytokine. Rat IL-1beta Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure 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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81909490
NCBI GeneID	24494
UniProt Accession #	Q5BKB0; Q63264
Molecular Weight	30,659 Da
NCBI Official Full Name	Interleukin 1 beta
NCBI Official Synonym Full Names	interleukin 1 beta
NCBI Official Symbol	IL1b
NCBI Protein Information	interleukin-1 beta; IL-1 beta
UniProt Protein Name	Interleukin 1 beta
UniProt Gene Name	IL1b
UniProt Entry Name	Q5BKB0_RAT

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/rat-elisa-kits/il-1beta/79422>