

Mouse IL-1 beta ELISA Kit | IL-1betaFAST elisa kit

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CATALOG #
AAA282461

REACTIVITY
Mouse

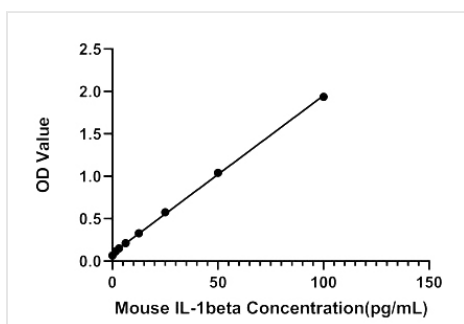
PRODUCT SYNONYMS

IL-1 beta; Mouse IL-1 beta FAST ELISA Kit; IL-1betaFAST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes both recombinant and natural mouse IL-1beta. The factors listed below were prepared at 2000pg/ml and assayed for cross-reactivity.
Assay Type	Quantitative Sandwich
Detection Range	1.5625-100pg/mL
Sensitivity	< 0.81pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level IL-1beta were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level IL-1beta were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Ship: Ice Pack

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-1betaFAST elisa kit

Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-1beta in mouse serum, plasma, cell culture supernatants and other biological fluids.

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for mouse IL-1beta has been pre-coated onto a microplate. Samples (or Standards) and biotinylated detection antibody specific for IL-1beta are added to the wells, IL-1beta binds to the antibody on the solid-phase vector and the detection antibody to complete the "one-step sandwich". After incubation, the wells are washed to remove unbound material, and Avidin-Horseradish Peroxidase (HRP) conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of IL-1beta bound in the initial step. The color development is stopped and the absorbance is measured.

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://www.aaabiotech.com/il-1betafast-mouse-elisa-kits/il-1-beta/282461>