

Rat IL-2 ELISA Kit | IL-2FAST elisa kit

Rat IL-2 FAST ELISA Kit

CATALOG #
AAA282453

REACTIVITY
Rat

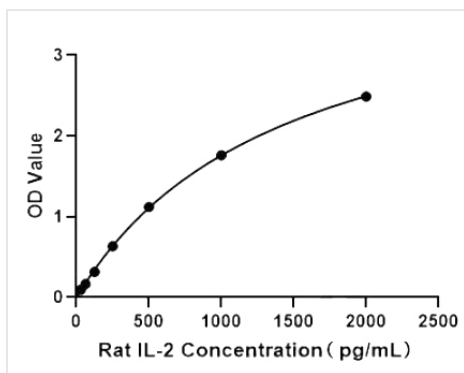
PRODUCT SYNONYMS

IL-2; Rat IL-2 FAST ELISA Kit; IL-2FAST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes both recombinant and natural rat IL-2. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	< 15.1 pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level IL-2 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-2 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-2FAST elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-2 in rat 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 rat IL-2 has been pre-coated onto a microplate. Samples (or Standards) and biotinylated detection antibody specific for rat IL-2 are added to the wells, rat IL-2 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-2 bound in the initial step. The color development is stopped and the absorbance is measured.
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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-2fast-rat-elisa-kits/il-2/282453>