

## Mouse IL-2 ELISA Kit | IL-2FAST elisa kit

Mouse IL-2 FAST ELISA Kit

CATALOG #  
**AAA282449**

REACTIVITY  
**Mouse**

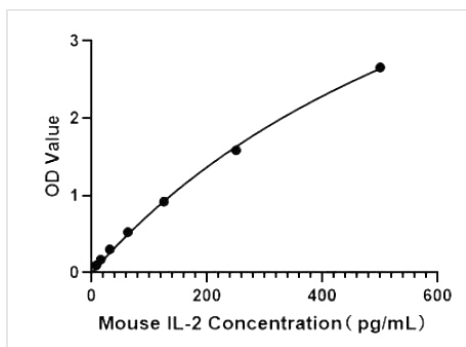
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                    |
| Specificity             | This assay recognizes both recombinant and natural mouse IL-2. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.       |
| Assay Type              | Quantitative Sandwich                                                                                                                                    |
| Detection Range         | 7.8-500pg/mL                                                                                                                                             |
| Sensitivity             | < 4.93pg/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 | <p>Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-2 in mouse serum, plasma, cell culture supernatants and other biological fluids.</p> <p>Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for mouse IL-2 has been pre-coated onto a microplate. Samples (or Standards) and biotinylated detection antibody specific for IL-2 are added to the wells, 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.</p> |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/il-2fast-mouse-elisa-kits/il-2/282449>