

## Rat Soluble Interleukin 2 Receptor ELISA Kit | IL-2SR elisa kit

Rat Soluble Interleukin 2 Receptor ELISA Kit

CATALOG #  
**AAA101121**

REACTIVITY  
**Rat**

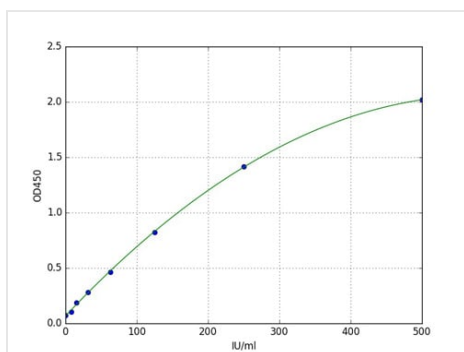
### PRODUCT SYNONYMS

Soluble Interleukin 2 Receptor; Rat Soluble Interleukin 2 Receptor ELISA Kit; IL-2SR; IL-2SR elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 31.25-2000pg/ml                                                                                                                                              |
| Sensitivity             | 18.75pg/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



#### Typical Data & Standard Curve

Results of a typical standard run of a Rat IL-2SR ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

| X | U/ml  | 0     | 7.8   | 15.6  | 31.2  | 62.5  | 125   | 250   | 500   |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 0.027 | 0.075 | 0.132 | 0.235 | 0.426 | 0.816 | 1.384 | 2.147 |

Standard Curve (Sample)

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL-2SR elisa kit

**Principle of the Assay**||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat IL-2SR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat IL-2SR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat IL-2SR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat IL-2SR can be calculated.

**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.