

Mouse Soluble Interleukin-2 Receptor Beta Chain ELISA Kit | IL-2sRbeta/CD122 elisa kit

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CATALOG #
AAA102537

REACTIVITY
Mouse

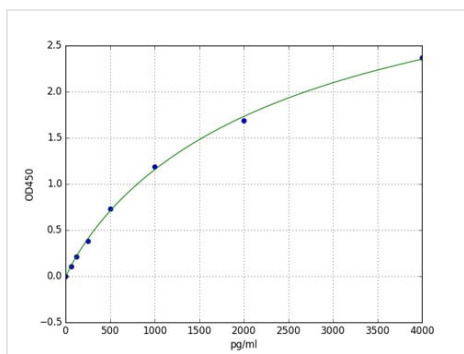
PRODUCT SYNONYMS

Soluble Interleukin-2 Receptor Beta Chain; Mouse Soluble Interleukin-2 Receptor Beta Chain ELISA Kit; IL-2sRb/CD122 (Interleukin 2 Receptor Beta)/IL2RB/CD122/IL-15 R beta/CD122 antigen/high affinity IL-2 receptor beta subunit/High affinity IL-2 receptor subunit beta/IL-2 receptor subunit beta/IL-2R subunit beta/IL-2RB/interleukin 15 receptor; beta/interleukin 2 receptor; beta/interleukin-2 receptor subunit beta/p70-75/P70-75/p75 ; IL-2sRbeta/CD122 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse IL-2sRβ 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	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.040	0.112	0.172	0.293	0.536	0.897	1.714	2.258

ADDITIONAL INFORMATION

Related Product Information for IL-2sRbeta/CD122 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse IL-2sRbeta antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse IL-2sRbeta 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 Mouse IL-2sRbeta amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse IL-2sRbeta 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.

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Online datasheet: <https://stage.aaabiotech.com/il-2srbeta-cd122-mouse-elisa-kits/soluble-interleukin-2-receptor-beta-chain/102537>