

IL-2 ELISA Kit | TCGF elisa kit

Mouse IL-2 total antigen assay ELISA kit

CATALOG #
AAA37852

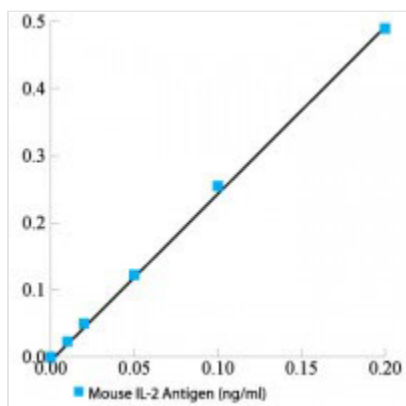
PRODUCT SYNONYMS

IL-2; Mouse IL-2 total antigen assay ELISA kit; TCGF elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	41
Preparation and Storage	Store at 4 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for TCGF elisa kit

Mouse IL-2 (aka TCGF) is a 149 amino acid 15 kDa disulfide-linked monomeric glycosylate Type I cytokine. IL-2 induces proliferation of a variety of lymphocytes including CD4+ and CD8+ T cells, natural killer cells, and B cells. Serum IL-2 levels are elevated in several cancers and autoimmune conditions and lymphocyte secretion is decreased in HIV patients. IL-2 binds to the IL-2R receptor which is composed of three subunits of varying affinity. The sensitive quantitative measurement of total mouse IL-2 antigen in plasma, serum, cell culture media, or other biological fluids samples is easily performed with this 96 well strip format ELISA kit. The assay measures total mouse IL-2 in the 0.01-10 ng/ml range. Samples giving mouse IL-2 levels above 10 ng/ml should be diluted in culture media or blocking buffer before use. Mouse IL-2 will bind to the capture antibody coated on the microtiter plate. After appropriate washing steps, biotinylated anti-mouse IL-2 primary antibody binds to the captured protein. Excess primary antibody is washed away and bound antibody is reacted with streptavidin conjugated to HRP. Following an additional washing step, TMB substrate is used for color development at 450nm. Color development is proportional to the concentration of IL-2 in the samples. A standard calibration curve is prepared using dilutions of purified IL-2 and is measured along with the test samples. All reagents and standards are provided in these ELISA kits.

Product Categories/Family for TCGF elisa kit

INTERLEUKINS AND INTERLEUKIN RECEPTORS; Interleukin ELISA Kits; Mouse Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4029234
NCBI GeneID	3558
UniProt Accession #	O95974; P60568
Molecular Weight	4,762 Da
NCBI Official Full Name	IL-2, partial
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2; TCGF; lymphokine
NCBI Protein Information	interleukin-2
UniProt Protein Name	IL-2 protein
UniProt Gene Name	IL-2
UniProt Entry Name	O95974_HUMAN

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/tcgf-elisa-kits/il-2/37852>