

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

Rat IL-2 ELISA Kit

CATALOG # AAA332583	REACTIVITY Rat	APPLICATIONS ELISA
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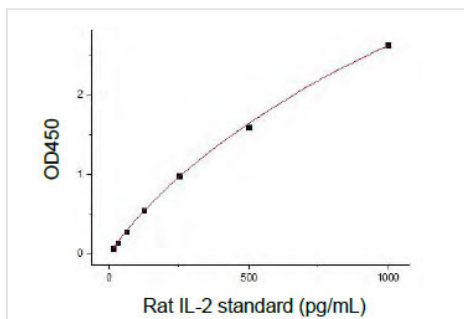
PRODUCT SYNONYMS

IL-2; Rat IL-2 ELISA Kit; IL 2; IL2; TCGF; lymphokine; T cell growth factor; aldesleukin; interleukin-2; involved in regulation of T-cell clonal expansion; IL-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat IL-2 ELISA Kit has high sensitivity and excellent specificity for detection of Rat IL-2. Nosignificant cross-reactivity or interference between Rat IL-2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	15.625 pg/mL-1,000 pg/mL
Sensitivity	8 pg/mL
Applicable Applications for IL-2 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-2 elisa kit	Principle of the Assay: Interleukin 2 (IL-2) is a pleiotropic cytokine produced primarily by mitogen- or antigen-activated T lymphocytes. IL-2 plays a keyrole in promoting the clonal expansion of antigen-specific T cells. In addition, IL-2 has also been shown to mediate multipleimmune responses on a variety of cell types.Rat IL-2 ELISA Kit employs a double antibody sandwich method toquantitate Rat IL-2 in samples. An antibody specific for Rat IL-2 has been pre-coated onto a microplate. Standards and samplesare pipetted into the wells and any Rat IL-2 present is bound by the immobilized antibody. After removing any unboundsubstances, a biotin-conjugated antibody specific for Rat IL-2 is added to the wells. After washing, proprietary Streptavidin-HRPconjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate(TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with amicroplate reader at 450 nm wavelength. The IL-2 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-2 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758692
NCBI GeneID	116562
NCBI Accession #	NP_446288.1
NCBI GenBank Nucleotide #	NM_053836.1
UniProt Accession #	P17108
Molecular Weight	17,633 Da
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Protein Information	interleukin-2; IL-2; T-cell growth factor; TCGF
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; IL-2; TCGF
UniProt Entry Name	IL2_RAT

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/rat-elisa-kits/il-2/332583>