

Mouse Interleukin 2 ELISA Kit | IL-2 elisa kit

Mouse Interleukin 2 (IL-2) ELISA Kit

CATALOG # AAA55544	REACTIVITY Mouse
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PRODUCT SYNONYMS

Interleukin 2; Mouse Interleukin 2 (IL-2) ELISA Kit; IL-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse IL-2. No significant cross-reactivity or interference between Mouse IL-2 and analogues was observed.
Sequence Length	153
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	7.8 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-2 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL-2 in Mouse serum, plasma. An antibody specific for IL-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, 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 intensity of the color is measured. Intended Uses: For the quantitative detection of Mouse Interleukin 2 (IL-2) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7110653
NCBI GeneID	16183
NCBI Accession #	NP_032392.1
NCBI GenBank Nucleotide #	NM_008366.3
UniProt Accession #	P04351 ; P97945 ; Q791T3

Molecular Weight	19,400 Da
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2
NCBI Protein Information	interleukin-2
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; IL-2; TCGF

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
Online datasheet: <https://www.aaabiotech.com/il-2-mouse-elisa-kits/interleukin-2/55544>