

IL-2 elisa kit

Human IL-2 HS ELISA Kit

CATALOG #
AAA58608

REACTIVITY
Human. No cross reactivity with other human cytokines.

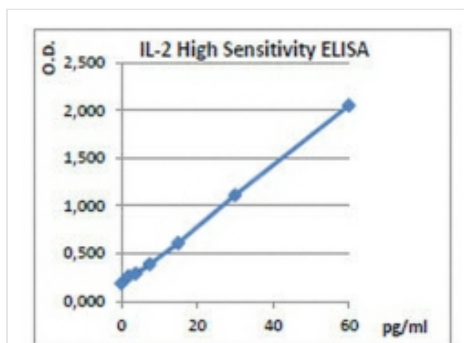
PRODUCT SYNONYMS

IL-2; Human IL-2 HS ELISA Kit; IL-2 HS; IL-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human cytokines.
Specificity	Ten specificities were tested with concentrations higher than IL-2 curve concentrations. No cross reaction was observed for concentrations ranging from 300 to 18.75 pg/ml for IL-1alpha, IL-1beta, IL-8, IL-10, TNFalpha, GrB, FasL, TRAIL, CD116 and Gp-130.
Sequence Length	41
Samples	Human sera, plasmas, buffered solutions or cell culture medium. the assay will recognize both natural and recombinant human il-2
Assay Type	Quantitative Sandwich

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-2 elisa kit

Intended Uses: The Human IL-2 High Sensitivity ELISA Kit is a solid phase sandwich ELISA for the in-vitro quantitative determination of Interleukin-2 (IL-2) in human sera, plasmas, buffered solutions or cell culture medium. The assay will recognize both natural and recombinant human IL-2.

Principle of the Assay: The IL-2 high sensitivity ELISA Kit is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (ELISA). A monoclonal antibody specific for IL-2 has been coated onto the wells of the microtiter strips provided. Samples, including standards of known IL-2 concentrations and unknowns are pipetted into these wells. During the first incubation, the IL-2 antigen and a biotinylated monoclonal antibody specific for IL-2 are simultaneously incubated. After washing, the enzyme (streptavidin-peroxydase) is added. All the unbound enzyme is removed by washing and the first amplification step is performed by adding the Biotine-Tyramine reagent. Under the action of HRP, a biotine polymerisation reaction occurs in the region of the HRP linked to the detection antibody. After washing the second amplification step is performed and the polymerised biotine is revealed by a new streptavidin-HRP step. Finally after washing, the substrate is added. The intensity of this coloured product is directly proportional to the concentration of IL-2 present in the samples.

Product Categories/Family for IL-2 elisa kit	Human ELISA Kit
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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://www.aaabiotech.com/human-elisa-kits/il-2/58608>