

Human Interleukin 21 ELISA Kit | IL-21 elisa kit

Human Interleukin 21 (IL-21) ELISA Kit

CATALOG #
AAA55901

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin 21; Human Interleukin 21 (IL-21) ELISA Kit; IL-21; Za11; interleukin-21 isoform; IL-21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL21. No significant cross-reactivity or interference between Human IL21 and analogues was observed.
Sequence Length	162
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
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. 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 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-21 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL21 in samples. An antibody specific for IL21 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL21 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL21 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 IL21 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333033767
NCBI GeneID	59067
NCBI Accession #	NP_001193935.1
NCBI GenBank Nucleotide #	NM_001207006.2
UniProt Accession #	Q9HBE4 ; A5J0L4

Molecular Weight	16,867 Da
NCBI Official Full Name	interleukin-21 isoform 2
NCBI Official Synonym Full Names	interleukin 21
NCBI Official Symbol	IL21
NCBI Official Synonym Symbols	Za11; IL-21; CVID11
NCBI Protein Information	interleukin-21
UniProt Protein Name	Interleukin-21
UniProt Gene Name	IL21
UniProt Synonym Gene Names	IL-21

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/il-21-human-elisa-kits/interleukin-21/55901>