

Human Interleukin 7, IL-7 ELISA Kit | IL-7 elisa kit

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CATALOG #
AAA41300

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin 7; IL-7; Human Interleukin 7; IL-7 ELISA Kit; IL-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	159
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1000ng/L
Sensitivity	2.51ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 7 (also known as IL-7) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL-7 antibody. IL-7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL-7 Antibody is added and binds to IL-7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-7 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL-7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315467869
NCBI GeneID	3574
NCBI Accession #	NP_001186816.1
NCBI GenBank Nucleotide #	NM_001199887.1
UniProt Accession #	P13232; Q5FBY5; Q5FBY9; A0N0L3
Molecular Weight	15,203 Da
NCBI Official Full Name	interleukin-7 isoform 3
NCBI Official Synonym Full Names	interleukin 7
NCBI Official Symbol	IL7
NCBI Official Synonym Symbols	IL-7
NCBI Protein Information	interleukin-7
UniProt Protein Name	Interleukin-7
UniProt Gene Name	IL7
UniProt Synonym Gene Names	IL-7

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/human-elisa-kits/interleukin-7-il-7/41300>