

Rat Interleukin-7 ELISA Kit | IL-7 elisa kit

Rat Interleukin-7 (IL-7) ELISA Kit

CATALOG # AAA55814	REACTIVITY Rat
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PRODUCT SYNONYMS

Interleukin-7; Rat Interleukin-7 (IL-7) ELISA Kit; IL-7; IL7 nirs variant 6; IL-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat IL7. No significant cross-reactivity or interference between Rat IL7 and analogues was observed.
Sequence Length	177
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-7 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL7 in samples. An antibody specific for IL7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL7 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 IL7 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 #	3024010
NCBI GeneID	25647
UniProt Accession #	P56478
Molecular Weight	17,709 Da
NCBI Official Full Name	Interleukin-7

NCBI Official Synonym Full Names	interleukin 7
NCBI Official Symbol	IL7
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://www.aaabiotech.com/il-7-rat-elisa-kits/interleukin-7/55814>