

Mouse IL-7 ELISA Kit | IL7 elisa kit

Mouse IL-7 PicoKine ELISA Kit

CATALOG #
AAA45281

REACTIVITY
Mouse

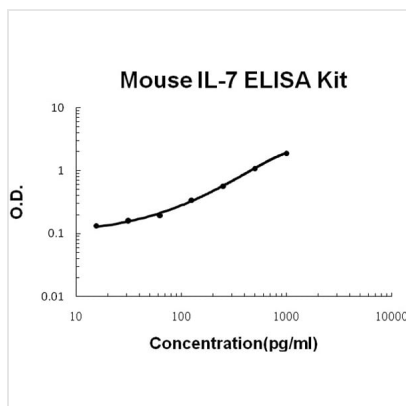
PRODUCT SYNONYMS

IL-7; Mouse IL-7 PicoKine ELISA Kit; Interleukin-7; interleukin 7; IL 7; IL7 nirs variant 6; Interleukin 7; Interleukin7; IL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse IL-7
Sequence Length	154
Samples	Cell culture supernates, serum and plasma (EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 1pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse IL-7 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL7 elisa kit	Principle of the assay: mouse IL-7 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for IL-7 has been precoated onto 96-well plates. Standards(E.coli,E26-I154) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for IL-7 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse IL-7 amount of sample captured in plate. Background: Interleukin 7 (IL7) is a protein that is encoded by the IL7 gene in humans. The gene for human interleukin 7 (IL7) maps to chromosome 8 by Southern analysis of a somatic cell hybrid panel and to 8q12-q13 by in situ hybridization.1IL-7 is essential for survival and expansion of pathogenic T helper type 17 (T(H)17) cells inexperimental autoimmune encephalomyelitis (EAE).2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124355
NCBI GeneID	16196
UniProt Accession #	P10168
Molecular Weight	17,727 Da
NCBI Official Full Name	Interleukin-7
NCBI Official Synonym Full Names	interleukin 7
NCBI Official Symbol	IL7
NCBI Official Synonym Symbols	IL-7; hlb368; A630026I06Rik
NCBI Protein Information	interleukin-7
UniProt Protein Name	Interleukin-7
UniProt Gene Name	IL7
UniProt Synonym Gene Names	IL-7; IL-7
UniProt Entry Name	IL7_MOUSE

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/il7-mouse-elisa-kits/il-7/45281>