

Human High Sensitive Interleukin 17 ELISA Kit | IL-17 elisa kit

Human High Sensitive Interleukin 17 (IL-17) ELISA Kit

CATALOG # AAA55822	REACTIVITY Human
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PRODUCT SYNONYMS

High Sensitive Interleukin 17; Human High Sensitive Interleukin 17 (IL-17) ELISA Kit; CTLA8; IL-17; IL-17A; IL17; cytotoxic T-lymphocyte-associated antigen 8|cytotoxic T-lymphocyte-associated protein 8|cytotoxic T-lymphocyte-associated serine esterase 8|interleukin 17 (cytotoxic T-ly; IL-17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IFN-gamma. No significant cross-reactivity or interference between Human IFN-gamma and analogues was observed.
Sequence Length	155
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/mL-400 pg/mL
Sensitivity	3.1 pg/mL (mean of 6 independent assays).
Intra-assay 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. Intra-Assay: CV<8%
Inter-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. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-17 elisa kit	Intended Uses: For the quantitative detection of Human Interferon gamma (IFN-gamma) concentration in serum, plasma, cell culture supernates, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IFN-gamma in Human serum, plasma, cell culture supernates, tissue homogenates. An antibody specific for IFN-gamma has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFN-gamma present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFN-gamma 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 IFN-gamma 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 #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181.1
NCBI GenBank Nucleotide #	NM_002190.2

Molecular Weight	17,504 Da
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; CTLA-8; IL-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/il-17-human-elisa-kits/high-sensitive-interleukin-17/55822>