

Mouse IL-22 ELISA Kit | IL22 elisa kit

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CATALOG #
AAA263395

REACTIVITY
Mouse

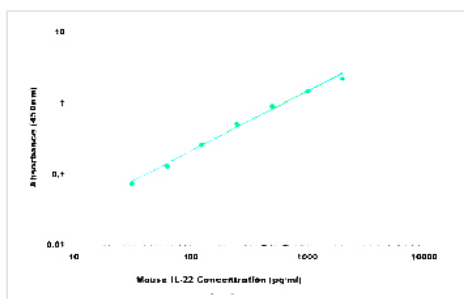
PRODUCT SYNONYMS

IL-22; Mouse IL-22 ELISA Kit; ILTIF; ZCYTO18; Interleukin-22; Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor; IL-TIF; IL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD152 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD152 proteins within the range of 156 pg/ml-10000 pg/ml.
Sequence Length	179
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	10 pg/ml.
Preparation and Storage	Store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL22 elisa kit

Principle of the Assay: The AAA Biotech's Mouse CD152 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD152 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse CD152 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD152 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD152 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD152 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!
Background/Introduction: CTLA-4 (Cytotoxic T-Lymphocyte Antigen 4), also known as CD152 (Cluster of differentiation 152), is a protein receptor that down regulates the immune system. CTLA4 is a member of the immunoglobulin superfamily, which is expressed on the surface of Helper T cells and transmits an inhibitory signal to T cells. CTLA4 is similar to the T-cell co-stimulatory protein, CD28, and both molecules bind to CD80 and CD86, also called B7-1 and B7-2 respectively, on antigen-presenting cells. CTLA4 transmits an inhibitory signal to T cells, whereas CD28 transmits a stimulatory signal. Blockade of CTLA4 expression in vitro augmented HIV-specific CD4-positive T-cell function.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393605
NCBI GeneID	50929
NCBI Accession #	NP_058667.1
NCBI GenBank Nucleotide #	NM_016971.2
UniProt Accession #	Q9JJY9; Q14BB3
Molecular Weight	20,106 Da
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	IL-22; Iltif; IL-22a; ILTIFa
NCBI Protein Information	interleukin-22
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	IL22a; Iltif; Iltifa; IL-22; IL-TIF; IL-22a

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/il22-mouse-elisa-kits/il-22/263395>