

Sheep Interleukin 22 ELISA Kit | IL-22 elisa kit

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CATALOG #
AAA91806

REACTIVITY
Sheep

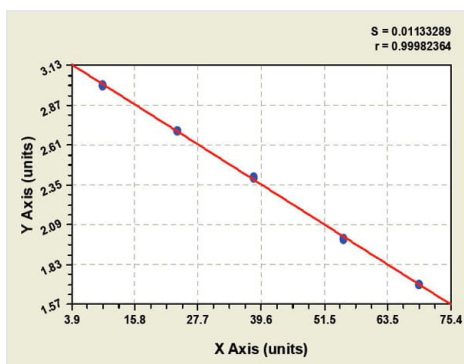
PRODUCT SYNONYMS

Interleukin 22; Sheep Interleukin 22 ELISA Kit; IL-22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This IL-22 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep IL-22. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-22 elisa kit

Principle of the Assay: IL-22 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-22 antibody and an IL-22-HRP conjugate. The assay sample and buffer are incubated together with IL-22-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-22 concentration since IL-22 from samples and IL-22-HRP conjugate compete for the anti-IL-22 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-22 from the sample, fewer sites are left to bind IL-22-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-22 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-22 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386.1
NCBI GenBank Nucleotide #	NM_020525.4
Molecular Weight	20,011 Da
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
NCBI Protein Information	interleukin-22; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; UNQ3099/PRO10096; IL-22; IL-TIF
UniProt Entry Name	IL22_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.

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Online datasheet: <https://stage.aaabiotech.com/il-22-sheep-elisa-kits/interleukin-22/91806>