

Porcine Interleukin 21 ELISA Kit | IL21 elisa kit

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CATALOG #
AAA90421

REACTIVITY
Porcine

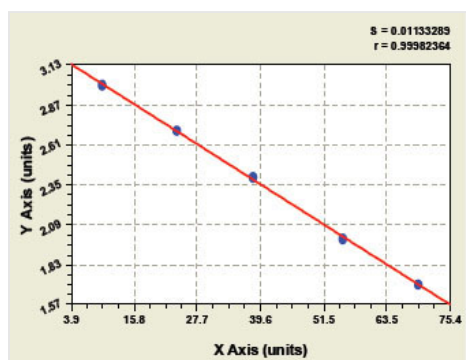
PRODUCT SYNONYMS

Interleukin 21; Porcine Interleukin 21 ELISA Kit; IL21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL21 elisa kit

Intended Uses: This IL-21 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IL-21. This ELISA kit for research use only!

Principle of the Assay: IL-21 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-21 antibody and an IL-21-HRP conjugate. The assay sample and buffer are incubated together with IL-21-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-21 concentration since IL-21 from samples and IL-21-HRP conjugate compete for the anti-IL-21 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-21 from the sample, fewer sites are left to bind IL-21-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-21 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL21 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033767
NCBI GeneID	59067
NCBI Accession #	NP_001193935.1
NCBI GenBank Nucleotide #	NM_001207006.2
Molecular Weight	16,867 Da
NCBI Official Full Name	interleukin-21 isoform 2
NCBI Official Synonym Full Names	interleukin 21
NCBI Official Symbol	IL21
NCBI Official Synonym Symbols	Za11; IL-21; CVID11
NCBI Protein Information	interleukin-21; interleukin-21 isoform
UniProt Protein Name	Interleukin-21
UniProt Gene Name	IL21
UniProt Synonym Gene Names	IL-21
UniProt Entry Name	IL21_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/il21-porcine-elisa-kits/interleukin-21/90421>