

Canine Interleukin 29 ELISA Kit | IL-29 elisa kit

Canine Interleukin 29 ELISA Kit

CATALOG #
AAA95152

REACTIVITY
Canine

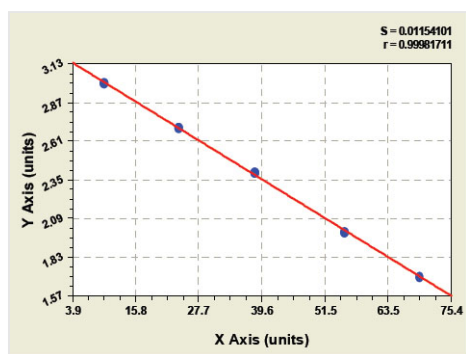
PRODUCT SYNONYMS

Interleukin 29; Canine Interleukin 29 ELISA Kit; IL-29 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
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 IL-29 elisa kit

Intended Uses: This IL-29 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL-29. This ELISA kit for research use only!

Principle of the Assay: IL-29 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-29 antibody and an IL-29-HRP conjugate. The assay sample and buffer are incubated together with IL-29-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-29 concentration since IL-29 from samples and IL-29-HRP conjugate compete for the anti-IL-29 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-29 from the sample, fewer sites are left to bind IL-29-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-29 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-29 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569954
NCBI GeneID	282618
Molecular Weight	21,898 Da
NCBI Official Full Name	interleukin 29
NCBI Official Synonym Full Names	interferon, lambda 1
NCBI Official Symbol	IFNL1
NCBI Official Synonym Symbols	IL29; IL-29
NCBI Protein Information	interferon lambda-1; IFN-lambda-1; interleukin-29; cytokine Zcyto21; interferon-lambda-1; interleukin 29 (interferon, lambda 1)
UniProt Protein Name	Interferon lambda-1
UniProt Gene Name	IFNL1
UniProt Synonym Gene Names	IL29; ZCYTO21; IFN-lambda-1; IL-29
UniProt Entry Name	IFNL1_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-29-canine-elisa-kits/interleukin-29/95152>