

Guinea Pig Interleukin 1 Delta ELISA Kit | FIL1d elisa kit

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CATALOG #
AAA81908

REACTIVITY
Guinea Pig

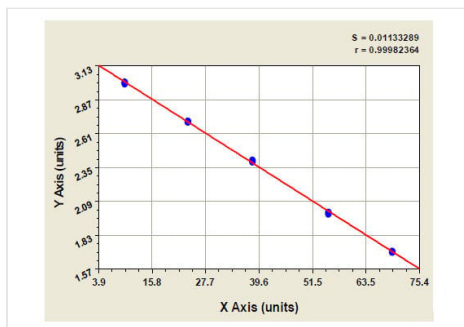
PRODUCT SYNONYMS

Interleukin 1 Delta; Guinea pig Interleukin 1 Delta ELISA Kit; FIL1d elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This FIL1d ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig FIL1d. 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 FIL1d elisa kit

Principle of the assay: FIL1d ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FIL1d antibody and an FIL1d-HRP conjugate. The assay sample and buffer are incubated together with FIL1d-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 FIL1d concentration since FIL1d from samples and FIL1d-HRP conjugate compete for the anti-FIL1d antibody binding site. Since the number of sites is limited, as more sites are occupied by FIL1d from the sample, fewer sites are left to bind FIL1d-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FIL1d concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FIL1d elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9651789
Molecular Weight	16,962 Da
NCBI Official Full Name	interleukin-1 delta
UniProt Protein Name	Interleukin-36 receptor antagonist protein
UniProt Gene Name	IL36RN
UniProt Synonym Gene Names	FIL1D; IL1F5; IL1HY1; IL1L1; IL1RP3; UNQ1896/PRO4342; IL-1RP3; IL-1HY1; IL-1 delta; IL-1F5; IL-1ra homolog 1; IL-1L1
UniProt Entry Name	I36RA_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/fil1d-guinea-pig-pig-elisa-kits/interleukin-1-delta/81908>