

Rat Interleukin 1 Eta ELISA Kit | FIL1h elisa kit

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CATALOG #
AAA82095

REACTIVITY
Rat

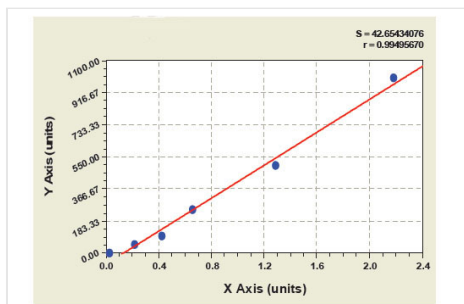
PRODUCT SYNONYMS

Interleukin 1 Eta; Rat Interleukin 1 Eta ELISA Kit; FIL1h elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This FIL1H ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FIL1H. 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 FIL1h elisa kit

Principle of the Assay: FIL1H ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FIL1H. Standards or samples are then added to the microtiter plate wells and FIL1H if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FIL1H present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FIL1H are added to each well to "sandwich" the FIL1H immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FIL1H and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FIL1H concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070252
NCBI GeneID	27177
NCBI Accession #	NP_055253.2
NCBI GenBank Nucleotide #	NM_014438.4
Molecular Weight	17,702 Da
NCBI Official Full Name	interleukin-36 beta isoform 1
NCBI Official Synonym Full Names	interleukin 36, beta
NCBI Official Symbol	IL36B
NCBI Official Synonym Symbols	FIL1; FIL1H; IL1F8; IL1H2; IL-1F8; IL-1H2; IL1-ETA; FIL1-(ETA); FILI-(ETA)
NCBI Protein Information	interleukin-36 beta; FIL1 eta; IL-1 eta; IL-1F8 (FIL1-eta); interleukin-1 eta; interleukin 1, eta; interleukin-1 homolog 2; Interleukin-1 Superfamily e; family of interleukin 1-eta; interleukin-1 family member 8; IL1F8 (Canonical product IL-1F8a); interleukin 1 family, member 8 (eta)
UniProt Protein Name	Interleukin-36 beta
UniProt Gene Name	IL36B
UniProt Synonym Gene Names	IL1F8; IL1H2; IL-1 eta; IL-1F8; IL-1H2
UniProt Entry Name	IL36B_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.