

Rat Interleukin 27 ELISA Kit | IL27 elisa kit

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CATALOG #
AAA83869

REACTIVITY
Rat

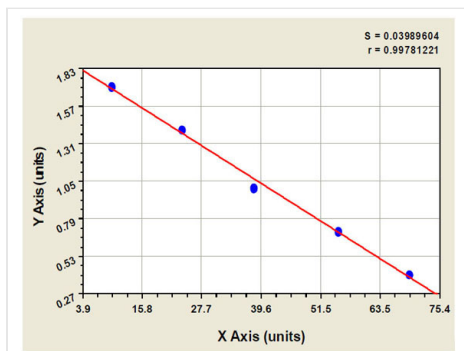
PRODUCT SYNONYMS

Interleukin 27; Rat Interleukin 27 ELISA Kit; IL27 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 N-AChTR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat N-AChTR. 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 IL27 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	119572662
NCBI GeneID	246778
Molecular Weight	27,493 Da
NCBI Official Full Name	interleukin 27
NCBI Official Synonym Full Names	interleukin 27
NCBI Official Symbol	IL27
NCBI Official Synonym Symbols	p28; IL30; IL-27; IL27A; IL-27A; IL27p28
NCBI Protein Information	interleukin-27 subunit alpha; IL27-A; IL-27-A; interleukin 30; interleukin-30; IL-27 p28 subunit; IL-27 subunit alpha
UniProt Protein Name	Interleukin-27 subunit alpha
UniProt Gene Name	IL27
UniProt Synonym Gene Names	IL27A; IL30; IL-27 subunit alpha; IL-27-A; IL27-A
UniProt Entry Name	IL27A_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/il27-rat-elisa-kits/interleukin-27/83869>