

Mouse Interleukin 27, IL-27 ELISA Kit | IL-27 elisa kit

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CATALOG #
AAA42880

REACTIVITY
Mouse

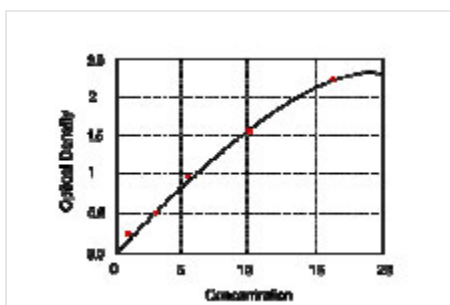
PRODUCT SYNONYMS

Interleukin 27; IL-27; Mouse Interleukin 27; IL-27 ELISA Kit; IL-27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	243
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-4500ng/L
Sensitivity	9.05ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-27 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Interleukin 27 (also known as IL-27) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse IL-27 antibody. IL-27 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse IL-27 Antibody is added and binds to IL-27 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-27 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse IL-27. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/interleukin-27-il-27/42880>