

Rat interleukin 27 EBI3 (IL-27 EBI3) ELISA Kit | IL-27 EBI3 elisa kit

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CATALOG #
AAA180158

REACTIVITY
Rat

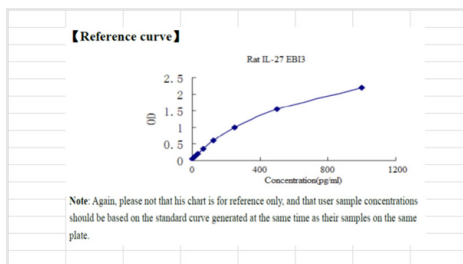
PRODUCT SYNONYMS

interleukin 27 EBI3 (IL-27 EBI3); Rat interleukin 27 EBI3 (IL-27 EBI3) ELISA Kit; IL-27 EBI3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	229
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-27 EBI3 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat IL-27 EBI3 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

14577917

NCBI GeneID	10148
NCBI Accession #	NP_005746.2
NCBI GenBank Nucleotide #	NM_005755.2
Molecular Weight	25,396 Da
NCBI Official Full Name	interleukin-27 subunit beta
NCBI Official Synonym Full Names	Epstein-Barr virus induced 3
NCBI Official Symbol	EBI3
NCBI Official Synonym Symbols	IL27B; IL-27B
NCBI Protein Information	interleukin-27 subunit beta; IL27 subunit; IL35 subunit; cytokine receptor; IL-27 subunit beta; EBV-induced gene 3 protein; Epstein-Barr virus induced gene 3; epstein-Barr virus-induced gene 3 protein
UniProt Protein Name	Interleukin-27 subunit beta
UniProt Gene Name	EBI3
UniProt Synonym Gene Names	IL27B; IL-27 subunit beta; IL-27B; EBV-induced gene 3 protein
UniProt Entry Name	IL27B_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/rat-elisa-kits/interleukin-27-ebi3-il-27-ebi3/180158>