

Human Interleukin-27 subunit beta ELISA Kit | EBI3 elisa kit

Human Interleukin-27 subunit beta ELISA Kit

CATALOG #
AAA99879

REACTIVITY
Human

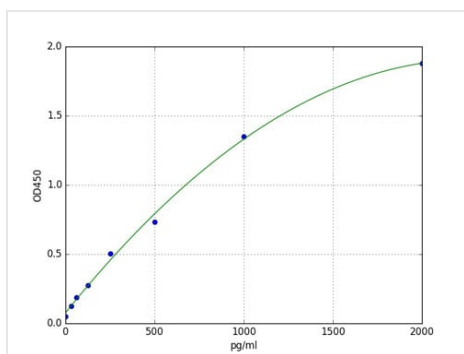
PRODUCT SYNONYMS

Interleukin-27 subunit beta; Human Interleukin-27 subunit beta ELISA Kit; EBI3/Epstein-Barr virus-induced gene 3 protein (EBV-induced gene 3 protein)/IL-27 subunit beta/IL-27B/IL-27/IL-27 p28 subunit/; EBI3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	229
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human EBI3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.038	0.118	0.196	0.376	0.688	1.186	1.873	2.618

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EBI3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human EBI3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EBI3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human EBI3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EBI3 can be calculated.

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
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/ebi3-human-elisa-kits/interleukin-27-subunit-beta/99879>