

Human IL-27 ELISA Kit | IL27 elisa kit

Human IL-27 ELISA Kit

CATALOG # AAA105761	REACTIVITY Human	APPLICATIONS ELISA
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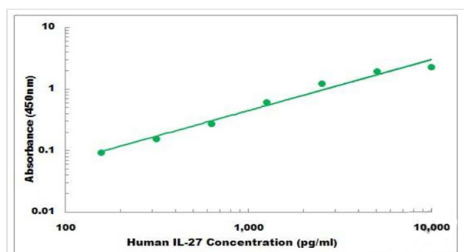
PRODUCT SYNONYMS

IL-27; Human IL-27 ELISA Kit; IL27A; IL30; Interleukin-27 subunit alpha; IL-27 subunit alpha; IL-27-A; IL27-A; Interleukin-30; p28; IL27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-27 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-27 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	243
Samples	Culture Supernatants, Serum, Plasma
Sensitivity	< 80 pg/ml
Applicable Applications for IL27 elisa kit	ELISA (Sandwich ELISA)
Detection Method	Colorimetric
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL27 elisa kit	Background: Interleukin-27 (IL-27) is a heterodimeric cytokine belonging to the IL-12 family that is composed of two subunits; Epstein-Barr virus (EBV)-induced gene 3 (EBI3) (also known as IL-27B) and IL27-p28 (known as IL-30). IL-27 is produced by antigen-presenting cells.IL-27 plays an important function in regulating the activity of B- and T-lymphocytes. IL-27, a potent inhibitor of T (H)-17 cell development, may be a useful target for treating inflammatory diseases mediated by these cells. Principle of the Assay: The AAA Biotech' Human IL-27 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-27 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-27 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-27 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-27 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-27 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28416913
NCBI GeneID	246778
NCBI Accession #	NP_663634.2
NCBI GenBank Nucleotide #	NM_145659.3
UniProt Accession #	Q8NEV9; Q6P676; A0N0L2
Molecular Weight	27,493 Da
NCBI Official Full Name	interleukin-27 subunit alpha
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-human-elisa-kits/il-27/105761>