

Human IL-20 ELISA Kit | IL20 elisa kit

Human IL-20 PicoKine ELISA Kit

CATALOG #
AAA45583

REACTIVITY
Human

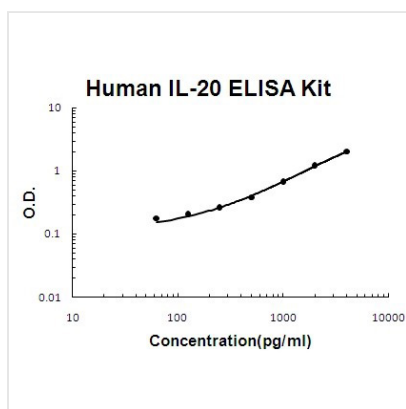
PRODUCT SYNONYMS

IL-20; Human IL-20 PicoKine ELISA Kit; Interleukin-20; interleukin 20; Cytokine like protein Zcyto7; Cytokine Zcyto7; IL 17B; IL 20; IL-17B; IL17B; IL17B_HUMAN; IL20; Interleukin 17 beta; Interleukin 17B; Interleukin 20; Interleukin-17B; Neuronal interleukin 17 related factor; Neuronal interleukin-17-related factor; NIRF; ZCYTO7; IL20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human IL-20
Sequence Length	176
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human IL-20 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL20 elisa kit	Principle of the assay: human IL-20 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for IL-20 has been precoated onto 96-well plates. Standards(E.coli,L25-E176) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for IL-20 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 IL-20 amount of sample captured in plate. Background: Interleukin-20 (IL-20) is a protein belonging to the IL-10 family of cytokines. IL-20 is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. By radiation hybrid analysis, the IL20 gene was mapped to chromosome 1q32, where it is tightly linked to the IL10, IL19, and MDA7 genes within a 195-kb region, the IL10 family cytokine cluster. IL-20 regulates proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. In addition, IL-20 also causes cell expansion of multipotential hematopoietic progenitor cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38258955
NCBI GeneID	50604
UniProt Accession #	Q9NYY1; Q17RB3; Q2THG6; Q96QZ6
Molecular Weight	17,144 Da
NCBI Official Full Name	Interleukin-20
NCBI Official Synonym Full Names	interleukin 20
NCBI Official Symbol	IL20
NCBI Official Synonym Symbols	IL-20; IL10D; ZCYTO10
NCBI Protein Information	interleukin-20; cytokine Zcyto10; four alpha helix cytokine
UniProt Protein Name	Interleukin-20
UniProt Gene Name	IL20
UniProt Synonym Gene Names	ZCYTO10; IL-20
UniProt Entry Name	IL20_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/il20-human-elisa-kits/il-20/45583>