Mouse IL-20 ELISA Kit | IL20 elisa kit

Mouse IL-20 ELISA Kit

CATALOG #	REACTIVITY	APPLICATIONS
AAA261700	**Mouse**	**ELISA**

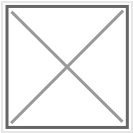
PRODUCT SYNONYMS

IL-20; Mouse IL-20 ELISA Kit; ZCYTO10; Interleukin-20; Cytokine Zcyto10; IL20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse IL-20 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse IL-20 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	176
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for IL20 elisa kit	ELISA (Sandwich ELISA)
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 IL20 elisa kit	Principle of the Assay||The Mouse IL-20 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse IL-20 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse IL-20 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-20 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse IL-20 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-20 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: IL-20, also known as Interleukin 20 or Zcyto10, is a protein that in humans is encoded by the IL20 gene. This gene is mapped to 1q32.1. IL-20 is a protein belonging to the IL-10 family of cytokines. This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17366898
NCBI GeneID	58181
UniProt Accession #	Q9JKV9
Molecular Weight	20,098 Da
NCBI Official Full Name	Interleukin-20
NCBI Official Synonym Full Names	interleukin 20
NCBI Official Symbol	Il20
NCBI Official Synonym Symbols	Zcyto10
NCBI Protein Information	interleukin-20
UniProt Protein Name	Interleukin-20
UniProt Gene Name	**Il20**
UniProt Synonym Gene Names	Zcyto10; IL-20
UniProt Entry Name	IL20_MOUSE

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/il20-mouse-elisa-kits/il-20/261700