

Mouse IL-20 AccuSignal ELISA Kit - KOA0814

Code: KOA0814

Size: 1 Kit

Product Description: Mouse IL-20 AccuSignal ELISA Kit - KOA0814

PhysicalState:

Label	Unconjugated
Gene Name	IL20
Species Reactivity	Mouse
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Cytokine Zcyto10, Four alpha helix cytokine, IL-20, IL10D, IL20, IL20_HUMAN, Interleukin 20, Interleukin-20, MGC96907, UNQ852/PRO1801, ZCYTO10
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml mouse IL-20 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernatants, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse IL-20 standard solution and each sample be measured in duplicate.
Background	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.
Purity And Specificity	Natural and recombinant mouse IL-20. There is no detectable cross-reactivity with other relevant proteins.
ELISA	31.2pg/ml-2000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: E.coli; Immunogen sequence: L25-E176
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q9JKV9

<http://www.uniprot.org/uniprot/Q9JKV9>

NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001298020.1

GeneID - 58181

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=58181>

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