

Human CCL28 ELISA Kit | CCL28 elisa kit

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CATALOG #
AAA263025

REACTIVITY
Human

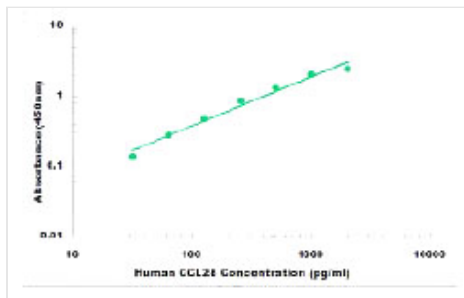
PRODUCT SYNONYMS

CCL28; Human CCL28 ELISA Kit; SCYA28; C-C motif chemokine 28; Mucosae-associated epithelial chemokine; MEC; Protein CCK1; Small-inducible cytokine A28; CCL28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CCL28 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CCL28 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	127
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
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 CCL28 elisa kit	Principle of the Assay: The Human CCL28 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CCL28 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human CCL28 coated on a 96-well plate. Standards and samples are pipetted into the wells and CCL28 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CCL28 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 CCL28 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: CCL28, also known as mucosae-associated epithelial chemokine (MEC), CCK1 and SCYA28, is a chemokine. It is mapped to 5p12. The tumor hypoxia promotes the recruitment of regulatory T (Treg) cells through induction of expression of the chemokine CCL28, which in turn promotes tumor tolerance and angiogenesis. CCL28 regulates the chemotaxis of cells that express the chemokine receptors CCR3 and CCR10. CCL28 has also been implicated in the migration of IgA-expressing cells to the mammary gland, salivary gland, intestine and other mucosal tissues. It has also been shown as a potential antimicrobial agent effective against certain pathogens, such as Gram negative and Gram positive bacteria and the fungus Candida albicans.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	687569447
NCBI GeneID	56477
NCBI Accession #	NP_001288802.1
NCBI GenBank Nucleotide #	NM_001301873.1
UniProt Accession #	Q9NRJ3; D7RIE7
Molecular Weight	12,375 Da
NCBI Official Full Name	C-C motif chemokine 28 isoform a
NCBI Official Synonym Full Names	C-C motif chemokine ligand 28
NCBI Official Symbol	CCL28
NCBI Official Synonym Symbols	MEC; CCK1; SCYA28
NCBI Protein Information	C-C motif chemokine 28
UniProt Protein Name	C-C motif chemokine 28
UniProt Gene Name	CCL28
UniProt Synonym Gene Names	SCYA28; MEC
UniProt Entry Name	CCL28_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.