

Human MDC ELISA Kit | MDC elisa kit

Human MDC (Macrophage Derived Chemokine) ELISA Kit

CATALOG #
AAA165083

REACTIVITY
Human

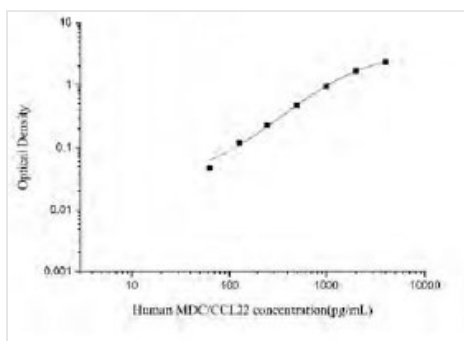
PRODUCT SYNONYMS

MDC; Human MDC (Macrophage Derived Chemokine) ELISA Kit; MDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human MDC/CCL22 in samples. No significant cross-reactivity or interference between Human MDC/CCL22 and analogues was observed.
Sequence Length	524
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	37.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human MDC/CCL22 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human MDC/CCL22 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDC elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MDC/CCL22 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MDC/CCL22. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human MDC/CCL22 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MDC/CCL22, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MDC/CCL22. You can calculate the concentration of Human MDC/CCL22 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	484255
Molecular Weight	57,911 Da
NCBI Official Full Name	MDC protein
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 11
UniProt Gene Name	ADAM11
UniProt Synonym Gene Names	MDC; ADAM 11; MDC
UniProt Entry Name	ADA11_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/human-elisa-kits/mdc/165083>