

Human Macrophage chemotactic factor ELISA Kit | MCF elisa kit

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CATALOG #
AAA87543

REACTIVITY
Human

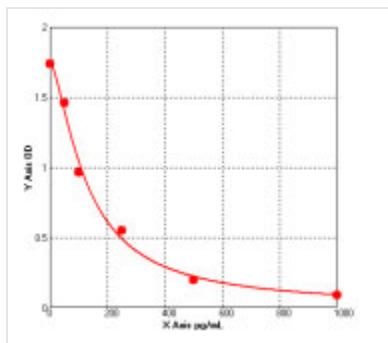
PRODUCT SYNONYMS

Macrophage chemotactic factor; Human Macrophage chemotactic factor ELISA Kit; MCF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MCF. No significant cross-reactivity or interference between MCF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MCF and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCF elisa kit	Principle of the Assay: MCF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MCF antibody and an MCF-HRP conjugate. The assay sample and buffer are incubated together with MCF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MCF concentration since MCF from samples and MCF-HRP conjugate compete for the anti-MCF antibody binding site. Since the number of sites is limited, as more sites are occupied by MCF from the sample, fewer sites are left to bind MCF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MCF concentration in each sample is interpolated from this standard curve. Intended Uses: This MCF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MCF. This ELISA kit for research use only, not for therapeutic or test applications!
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mcf-human-elisa-kits/macrophage-chemotactic-factor/87543>