

Human C type mannose receptor 2 (MRC2) ELISA Kit | MRC2 elisa kit

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CATALOG #
AAA245761

REACTIVITY
Human

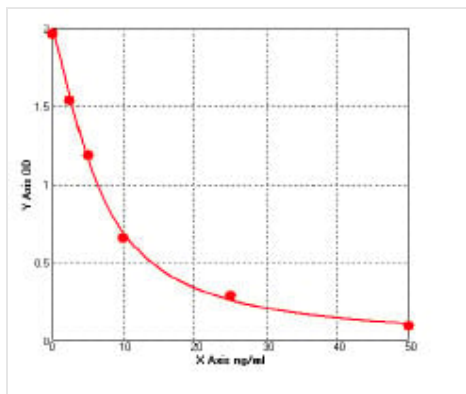
PRODUCT SYNONYMS

C type mannose receptor 2 (MRC2); Human C type mannose receptor 2 (MRC2) ELISA Kit; MRC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MRC2. No significant cross-reactivity or interference between MRC2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MRC2 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MRC2 elisa kit	Principle of the Assay: MRC2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MRC2 antibody and an MRC2-HRP conjugate. The assay sample and buffer are incubated together with MRC2-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 MRC2 concentration since MRC2 from samples and MRC2-HRP conjugate compete for the anti-MRC2 antibody binding site. Since the number of sites is limited, as more sites are occupied by MRC2 from the sample, fewer sites are left to bind MRC2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MRC2 concentration in each sample is interpolated from this standard curve. Intended Uses: This MRC2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MRC2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for MRC2 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	110624774
NCBI GeneID	9902
NCBI Accession #	NP_006030.2
NCBI GenBank Nucleotide #	NM_006039.4
Molecular Weight	166,674 Da
NCBI Official Full Name	C-type mannose receptor 2
NCBI Official Synonym Full Names	mannose receptor, C type 2
NCBI Official Symbol	MRC2
NCBI Official Synonym Symbols	CD280; UPARAP; CLEC13E; ENDO180
NCBI Protein Information	C-type mannose receptor 2; endocytic receptor 180; UPAR-associated protein; macrophage mannose receptor 2; C-type lectin domain family 13 member E; endocytic receptor (macrophage mannose receptor family); urokinase-type plasminogen activator receptor-associated protein
UniProt Protein Name	C-type mannose receptor 2
UniProt Gene Name	MRC2
UniProt Synonym Gene Names	CLEC13E; ENDO180; KIAA0709; UPARAP; UPAR-associated protein; Urokinase receptor-associated protein
UniProt Entry Name	MRC2_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/c-type-mannose-receptor-2-mrc2/245761>