

Human C-Type Mannose Receptor 2 (MRC2) ELISA Kit | MRC2 elisa kit

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CATALOG #
AAA331699

REACTIVITY
Human

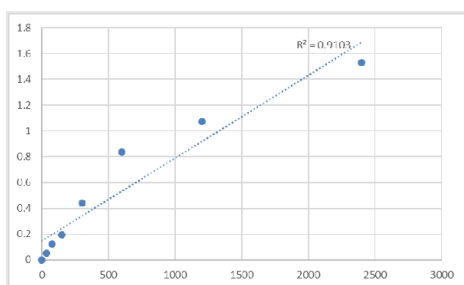
PRODUCT SYNONYMS

C-Type Mannose Receptor 2 (MRC2); Human C-Type Mannose Receptor 2 (MRC2) ELISA Kit; MRC2; CD280; CLEC13E; ENDO180; FLJ35911; KIAA0709; UPARAP; endocytic receptor (macrophage mannose receptor family); urokinase plasminogen activator receptor-associated protein; MRC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human C-type mannose receptor 2 (MRC2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MRC2. No significant cross-reactivity or interference between Human MRC2 and analogues was observed.
Sequence Length	1479
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human C-type mannose receptor 2 (MRC2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MRC2 elisa kit	Description: This Human C-type mannose receptor 2 (MRC2) ELISA Kit employs a two-site sandwich ELISA to quantitate MRC2 in samples. An antibody specific for MRC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MRC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MRC2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MRC2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MRC2 encodes a member of the mannose receptor family of proteins that contain a fibronectin type II domain and multiple C-type lectin-like domains. C-type mannose receptor 2 plays a role in extracellular matrix remodeling by mediating the internalization and lysosomal degradation of collagen ligands. Expression of MRC2 may play a role in the tumorigenesis and metastasis of several malignancies including breast cancer, gliomas and metastatic bone disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110624774
NCBI GeneID	9902
NCBI Accession #	NP_006030.2
NCBI GenBank Nucleotide #	NP_006030.2
UniProt Accession #	Q9UBG0
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
UniProt Protein Name	C-type mannose receptor 2
UniProt Gene Name	MRC2
UniProt Synonym Gene Names	CLEC13E; ENDO180; KIAA0709; UPARAP; UPAR-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.