

Human MARCO ELISA Kit | MARCO elisa kit

Human MARCO ELISA Kit PicoKine

CATALOG # AAA127994	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

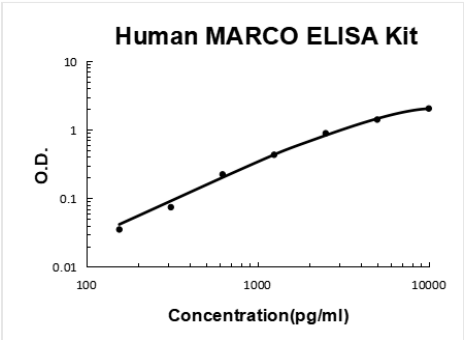
MARCO; Human MARCO ELISA Kit PicoKine; MARCO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	312pg/ml-20,000pg/ml
Sensitivity	<150pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: CHO; Immunogen sequence: M79-V520
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for MARCO elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)03126251,2502,5005,00010,00020,000O.D.0.0400.0750.1140.2630.4710.9281.4452.079
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n161616242424Mean(pg/ml)52794379043816507795Standard deviation37.7337.15343.8219.5148.88348.44CV(%)7.2%3.9%4.4%5.1%7.5%4.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 152759053958556020.953.7%Sample 294379481371981761.297.5%Sample 379049788506083497775407.425.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human MARCO PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for MARCO elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for MARCO elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803080
NCBI GeneID	8685
NCBI Accession #	NP_006761.1
NCBI GenBank Nucleotide #	NM_006770.3
UniProt Accession #	Q9UEW3 ; Q9Y5S3 ; B4DW79
Molecular Weight	43,865 Da
NCBI Official Full Name	macrophage receptor MARCO
NCBI Official Synonym Full Names	macrophage receptor with collagenous structure
NCBI Official Symbol	MARCO
NCBI Official Synonym Symbols	SR-A6; SCARA2
NCBI Protein Information	macrophage receptor MARCO
UniProt Protein Name	Macrophage receptor MARCO
UniProt Gene Name	MARCO
UniProt Synonym Gene Names	SCARA2

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://www.aaabiotech.com/human-elisa-kits/marco/127994>