

Human Macrophage-expressed gene 1 protein ELISA Kit | MPEG1 elisa kit

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CATALOG #
AAA99128

REACTIVITY
Human

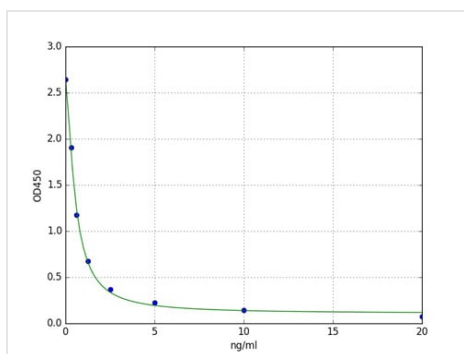
PRODUCT SYNONYMS

Macrophage-expressed gene 1 protein; Human Macrophage-expressed gene 1 protein ELISA Kit; MPEG1/Macrophage-expressed gene 1 protein/Macrophage gene 1 protein/Mpg-1; MPEG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	716
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MPEG1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A=not applicable)

X	ng/ml	0	0.312	0.625	1.25	2.5	5	10	20
Y	OD450	2.198	1.836	1.565	1.229	0.904	0.616	0.466	0.362

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MPEG1 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MPEG1. During the reaction, Human MPEG1 in the sample or standard competes with a fixed amount of biotin-labeled Human MPEG1 for sites on a pre-coated Monoclonal antibody specific to Human MPEG1. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human MPEG1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133505169
NCBI GeneID	219972
NCBI Accession #	NP_001034485.1
NCBI GenBank Nucleotide #	NM_001039396.1
Molecular Weight	78,587 Da
NCBI Official Full Name	macrophage-expressed gene 1 protein
NCBI Official Synonym Full Names	macrophage expressed 1
NCBI Official Symbol	MPEG1
NCBI Official Synonym Symbols	MPG1; MPS1; Mpg-1
NCBI Protein Information	macrophage-expressed gene 1 protein
UniProt Protein Name	Macrophage-expressed gene 1 protein
UniProt Gene Name	MPEG1
UniProt Synonym Gene Names	Macrophage gene 1 protein; Mpg-1
UniProt Entry Name	MPEG1_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/mpeg1-human-elisa-kits/macrophage-expressed-gene-1-protein/99128>