

Human milk fat globule-EGF factor 8 protein ELISA Kit | MFGE8 elisa kit

Human milk fat globule-EGF factor 8 protein, MFGE8 ELISA Kit

CATALOG #
AAA80715

REACTIVITY
Human

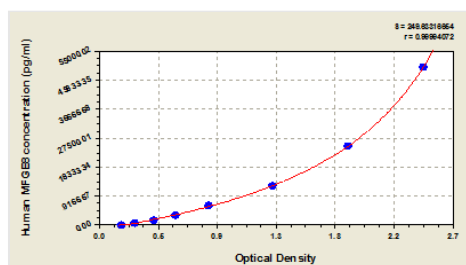
PRODUCT SYNONYMS

milk fat globule-EGF factor 8 protein; Human milk fat globule-EGF factor 8 protein; MFGE8 ELISA Kit; Human milk fat globule-EGF factor 8 protein (MFGE8) ELISA kit; BA46; EDIL1; HsT19888; MFG-E8; OAcGD3S; SED1; SPAG10; hP47; O-acetyl disialoganglioside synthase; lactadherin; medin; sperm associated antigen 10; sperm surface protein hP47; MFGE8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MFGE8. No significant cross-reactivity or interference between Human MFGE8 and analogues was observed.
Sequence Length	335
Samples	Serum, cell culture supernates, urine, cerebrospinal fluid (CSF)
Assay Type	Sandwich
Detection Range	781.25 pg/ml-50000 pg/ml
Sensitivity	195.3 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Angiogenesis
Protein Biological Process 3	Angiogenesis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFGE8 elisa kit	For Sample:For the quantitative determination of human milk fat globule-EGF factor 8 protein (MFGE8) concentrations in serum, cell culture supernates, urine, cerebrospinal fluid (CSF). PRINCIPLE OF THE ASSAY This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MFGE8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MFGE8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MFGE8 is added to the wells. After washing, avidin 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 MFGE8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167830477
NCBI GeneID	4240
NCBI Accession #	NP_001108086.1
NCBI GenBank Nucleotide #	NM_001114614.1
UniProt Accession #	Q08431; Q53FU9; Q7Z3D2; Q9BTL9; B2R6M7
Molecular Weight	43,123 Da
NCBI Official Full Name	lactadherin isoform b
NCBI Official Synonym Full Names	milk fat globule-EGF factor 8 protein
NCBI Official Symbol	MFGE8
NCBI Official Synonym Symbols	BA46; HMFG; MFGM; SED1; hP47; EDIL1; MFG-E8; SPAG10; OAcGD3S; HsT19888
NCBI Protein Information	lactadherin; medin; sperm surface protein hP47; sperm associated antigen 10; breast epithelial antigen BA46; O-acetyl disialoganglioside synthase
UniProt Protein Name	Lactadherin
UniProt Gene Name	MFGE8
UniProt Synonym Gene Names	MFG-E8
UniProt Entry Name	MFGM_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/mfge8-human-elisa-kits/milk-fat-globule-egf-factor-8-protein/80715>