

Human Milk Fat Globule EGF Factor 8 (MFGE8) CLIA Kit | MFGE8 clia kit

Milk Fat Globule EGF Factor 8 (MFGE8) CLIA Kit

CATALOG # AAA189321	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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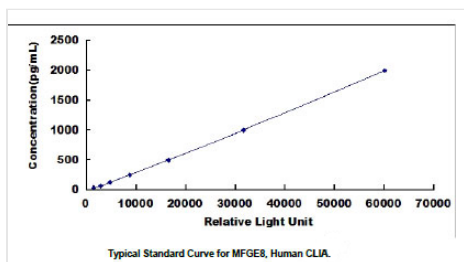
PRODUCT SYNONYMS

Milk Fat Globule EGF Factor 8 (MFGE8); Milk Fat Globule EGF Factor 8 (MFGE8) CLIA Kit; HMFG; MFGM; SED1; BA46; EDIL1; OAcGD3S; SPAG10; hP47; Medin; Lactadherin; Sperm Associated Antigen 10; Sperm Surface Protein hP47; Milk fat globule-EGF factor 8; MFGE8 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MFGE8. No significant cross-reactivity or interference between MFGE8 and analogues was observed.
Samples	Serum, plasma, cell lysates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 12.2pg/mL
Applicable Applications for MFGE8 clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MFGE8 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MFGE8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFGE8 clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of MFGE8 in human serum, plasma, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MFGE8. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MFGE8. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the MFGE8 level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506380
NCBI GeneID	4240
UniProt Accession #	Q08431; Q53FU9; Q7Z3D2; Q9BTL9; B2R6M7
Molecular Weight	37,523 Da
NCBI Official Full Name	Lactadherin
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.