

Human MFGE8 ELISA Kit | MFGE8 elisa kit

Human MFGE8 (Milk Fat Globule EGF Factor 8) ELISA Kit

CATALOG #
AAA165837

REACTIVITY
Human

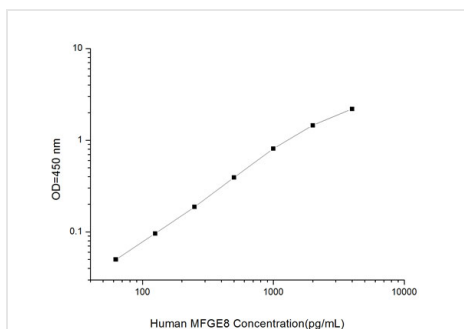
PRODUCT SYNONYMS

MFGE8; Human MFGE8 (Milk Fat Globule EGF Factor 8) ELISA Kit; MFGE8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human MFGE8. No significant cross-reactivity or interference between Human MFGE8 and analogues was observed.
Sequence Length	335
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFGE8 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanMFGE8concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to MFGE8. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MFGE8and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MFGE8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of MFGE8.You can calculate the concentration of MFGE8in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13177648
NCBI GeneID	4240
Molecular Weight	37,523 Da
NCBI Official Full Name	MFGE8 protein
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; O-acetyl disialoganglioside synthase; breast epithelial antigen BA46; medin; sperm associated antigen 10; sperm surface protein hP47
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.