

Human Lactadherin (MFGE8) ELISA Kit | MFGE8 elisa kit

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CATALOG #
AAA246998

REACTIVITY
Human

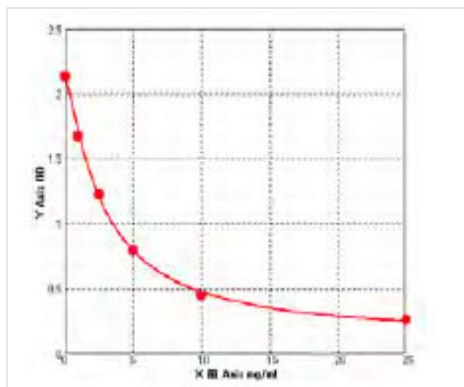
PRODUCT SYNONYMS

Lactadherin (MFGE8); Human Lactadherin (MFGE8) ELISA Kit; MFGE8 elisa 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MFGE8 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFGE8 elisa kit	Intended Uses: This MFGE8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MFGE8. This ELISA kit for research use only! Principle of the Assay: MFGE8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MFGE8 antibody and an MFGE8-HRP conjugate. The assay sample and buffer are incubated together with MFGE8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MFGE8 concentration since MFGE8 from samples and MFGE8-HRP conjugate compete for the anti-MFGE8 antibody binding site. Since the number of sites is limited, as more sites are occupied by MFGE8 from the sample, fewer sites are left to bind MFGE8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MFGE8 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MFGE8 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	167830475
NCBI GeneID	4240
NCBI Accession #	NP_005919.2
NCBI GenBank Nucleotide #	NM_005928.2
Molecular Weight	37,523 Da
NCBI Official Full Name	lactadherin isoform a preproprotein
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.