

Human Milk Fat Globule-EGF Factor 8 Protein (MFGE8) ELISA Kit | MFGE8 elisa kit

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CATALOG #
AAA331790

REACTIVITY
Human

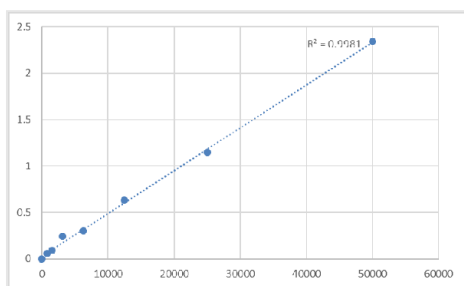
PRODUCT SYNONYMS

Milk Fat Globule-EGF Factor 8 Protein (MFGE8); Human Milk Fat Globule-EGF Factor 8 Protein (MFGE8) ELISA Kit; MFGE8; 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	Human Milk fat globule-EGF factor 8 protein (MFGE8) ELISA Kit 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	387
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Milk fat globule-EGF factor 8 protein (MFGE8) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MFGE8 elisa kit	Description: This Human Milk fat globule-EGF factor 8 protein (MFGE8) ELISA Kit employs a two-site sandwich ELISA to quantitate MFGE8 in samples. An 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, Streptavidin 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. Background: MFGE8 encodes a preproprotein that is proteolytically processed to form multiple protein products. The major encoded protein product, lactadherin, is a membrane glycoprotein that promotes phagocytosis of apoptotic cells. Milk fat globule-EGF factor 8 protein has also been implicated in wound healing, autoimmune disease, and cancer. Lactadherin can be further processed to form a smaller cleavage product, medin, which comprises the major protein component of aortic medial amyloid (AMA). Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506380
UniProt Accession #	Q08431
NCBI Official Full Name	Lactadherin
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/human-elisa-kits/milk-fat-globule-egf-factor-8-protein-mfge8/331790>