

Human EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1) ELISA Kit | EMR1 elisa kit

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CATALOG # AAA129584	REACTIVITY Human
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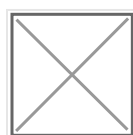
PRODUCT SYNONYMS

EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1); Human EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1) ELISA Kit; TM7LN3; EGF-like module receptor 1; EMR1 hormone receptor; EMR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1). No significant cross-reactivity or interference between EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1) and analogues was observed.
Sequence Length	886
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	62.50-4000pg/mL
Sensitivity	26.3pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 EMR1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of EGF Like Module Containing Mucin Like Hormone Receptor 1 (EMR1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for EMR1 elisa kit	CD & Adhesion molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807489
NCBI GeneID	2015
NCBI Accession #	NP_001965.3
NCBI GenBank Nucleotide #	NM_001974.4
UniProt Accession #	Q14246; Q2I7G5; Q6ZMN0; Q8NGA7; A6NHV2; B7Z486; B7Z489; E7EPX9; E9PD45; H9KV79
Molecular Weight	82,771 Da
NCBI Official Full Name	adhesion G protein-coupled receptor E1 isoform 1
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor E1
NCBI Official Symbol	ADGRE1
NCBI Official Synonym Symbols	EMR1; TM7LN3
NCBI Protein Information	adhesion G protein-coupled receptor E1
UniProt Protein Name	Adhesion G protein-coupled receptor E1
UniProt Gene Name	ADGRE1
UniProt Entry Name	AGRE1_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/egf-like-module-containing-mucin-like-hormone-receptor-1-emr1/129584>