

Human Autocrine Motility Factor Receptor (AMFR) ELISA Kit | AMFR elisa kit

Human Autocrine Motility Factor Receptor (AMFR)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152390

REACTIVITY
Human

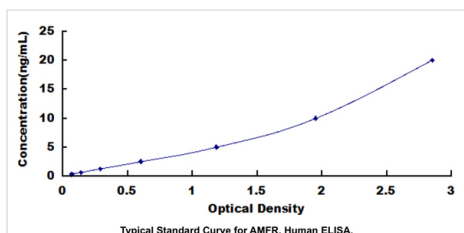
PRODUCT SYNONYMS

Autocrine Motility Factor Receptor (AMFR); Human Autocrine Motility Factor Receptor (AMFR)(Sandwich ELISA) ELISA Kit; ELISA Kit for Autocrine Motility Factor Receptor (AMFR); GP78; RNF45; E3 ubiquitin-protein ligase AMFR; RING finger protein 45; AMFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AMFR. No significant cross-reactivity or interference between AMFR and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AMFR 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 AMFR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year 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 AMFR elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to AMFR. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to AMFR. 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 AMFR, 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 AMFR in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AMFR in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21071001
NCBI GeneID	267
NCBI Accession #	NP_001135.3
NCBI GenBank Nucleotide #	NM_001144.5
UniProt Accession #	Q9UKV5; P26442; Q8IZ70
Molecular Weight	72,996 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase AMFR isoform c
NCBI Official Synonym Full Names	autocrine motility factor receptor
NCBI Official Symbol	AMFR
NCBI Official Synonym Symbols	GP78; RNF45
NCBI Protein Information	E3 ubiquitin-protein ligase AMFR
UniProt Protein Name	E3 ubiquitin-protein ligase AMFR
UniProt Gene Name	AMFR
UniProt Synonym Gene Names	RNF45; AMF receptor

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/autocrine-motility-factor-receptor-amfr/152390>