

Mouse Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1) ELISA Kit | AGGF1 elisa kit

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CATALOG #
AAA129702

REACTIVITY
Mouse

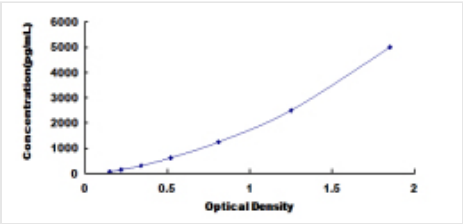
PRODUCT SYNONYMS

Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1); Mouse Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1) ELISA Kit; GPATC7; GPATCH7; VG5Q; Angiogenic factor VG5Q; G patch domain-containing protein 7; Vasculogenesis gene on 5q protein; AGGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1). No significant cross-reactivity or interference between Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1) and analogues was observed.
Sequence Length	714
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1) 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 AGGF1 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 Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1). 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 Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1), 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 Angiogenic Factor With G Patch And FHA Domains 1 (AGGF1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for AGGF1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	39725952
NCBI GeneID	55109
NCBI Accession #	NP_060516.2
NCBI GenBank Nucleotide #	NM_018046.4
UniProt Accession #	Q8N302; O00581; Q53YS3; Q9BU84; Q9NW66
Molecular Weight	20,506 Da
NCBI Official Full Name	angiogenic factor with G patch and FHA domains 1
NCBI Official Synonym Full Names	angiogenic factor with G patch and FHA domains 1
NCBI Official Symbol	AGGF1
NCBI Official Synonym Symbols	VG5Q; GPATC7; GPATCH7; HSU84971; HUS84971
NCBI Protein Information	angiogenic factor with G patch and FHA domains 1
UniProt Protein Name	Angiogenic factor with G patch and FHA domains 1
UniProt Gene Name	AGGF1
UniProt Synonym Gene Names	GPATC7; GPATCH7; VG5Q; hVG5Q
UniProt Entry Name	AGGF1_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.