

Human Repulsive guidance molecule A (RGMA) ELISA Kit | RGMA elisa kit

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CATALOG #
AAA68672

REACTIVITY
Human

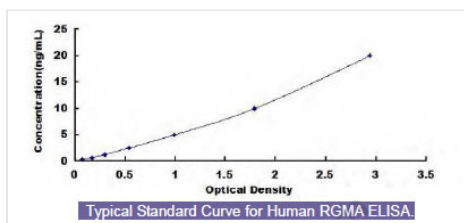
PRODUCT SYNONYMS

Repulsive guidance molecule A (RGMA); Human Repulsive guidance molecule A (RGMA) ELISA Kit; RGMA RGM; RGMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RGMA. No significant cross-reactivity or interference between RGMA and analogues was observed.
Sequence Length	458
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.134ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RGMA 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 RGMA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RGMA elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RGMA in human serum, plasma or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RGMA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RGMA. 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 RGMA, 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 RGMA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261878463
NCBI GeneID	56963
NCBI Accession #	NP_001159755.1
NCBI GenBank Nucleotide #	NM_001166283.1
UniProt Accession #	Q96B86; Q0JV97; Q8NC80; Q9H0E6; Q9NPM3; B2RTW1; B7Z5S8; F5GXQ7; F5GZU6; G3V518
Molecular Weight	50,035 Da
NCBI Official Full Name	repulsive guidance molecule A isoform 1
NCBI Official Synonym Full Names	repulsive guidance molecule BMP co-receptor a
NCBI Official Symbol	RGMA
NCBI Official Synonym Symbols	RGM
NCBI Protein Information	repulsive guidance molecule A
UniProt Protein Name	Repulsive guidance molecule A
UniProt Gene Name	RGMA
UniProt Synonym Gene Names	RGM

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/repulsive-guidance-molecule-a-rgma/68672>