

Human MRGPRX2/Mas-related G-protein coupled receptor member X2 ELISA Kit | MRGPRX2 elisa kit

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CATALOG #
AAA23377

REACTIVITY
Human

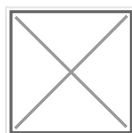
PRODUCT SYNONYMS

MRGPRX2/Mas-related G-protein coupled receptor member X2; Human MRGPRX2/Mas-related G-protein coupled receptor member X2 ELISA Kit; MRGX2; Mas-related G-protein coupled receptor member X2; MRGPRX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Mas-related G-protein coupled receptor member X2
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	< 0.65 ng/mL
Intra-assay Precision	<=5.3%
Inter-assay Precision	<=7.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MRGPRX2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[16876451](#)

NCBI GeneID	117194
NCBI Accession #	NP_473371.1
NCBI GenBank Nucleotide #	NM_054030.2
UniProt Accession #	Q96LB1 ; Q4QXW4 ; Q4QXW7 ; Q4QXX0 ; Q4QXX2 ; Q4QXX3 ; Q4QXX4 ; Q4QXX6 ; Q4QXX7 ; B5B0C7
Molecular Weight	37,099 Da
NCBI Official Full Name	mas-related G-protein coupled receptor member X2
NCBI Official Synonym Full Names	MAS-related GPR, member X2
NCBI Official Symbol	MRGPRX2
NCBI Official Synonym Symbols	MGRG3; MRGX2
NCBI Protein Information	mas-related G-protein coupled receptor member X2; G protein-coupled receptor MRGX2; Mas-related G protein-coupled receptor G3
UniProt Protein Name	Mas-related G-protein coupled receptor member X2
UniProt Gene Name	MRGPRX2
UniProt Synonym Gene Names	MRGX2
UniProt Entry Name	MRGX2_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/mrgprx2-mas-related-g-protein-coupled-receptor-member-x2/23377>