

Mouse Mast cell surface glycoprotein Gp49A ELISA Kit | Gp49a elisa kit

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CATALOG # AAA56500	REACTIVITY Mouse
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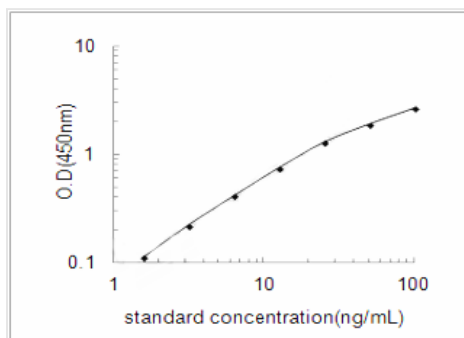
PRODUCT SYNONYMS

Mast cell surface glycoprotein Gp49A; Mouse Mast cell surface glycoprotein Gp49A ELISA Kit; Gp49a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Mast cell surface glycoprotein Gp49A. No significant cross-reactivity or interference was observed.
Sequence Length	303
Assay Type	Sandwich
Detection Range	1.56-100 ng/ml
Sensitivity	0.814 ng/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.8%
Recovery	108%
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 Gp49a elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mast cell surface glycoprotein Gp49A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Mast cell surface glycoprotein Gp49A and 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 Mast cell surface glycoprotein Gp49A, 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 +/- 2 nm. The concentration of Mast cell surface glycoprotein Gp49A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680053
NCBI GeneID	14727
NCBI Accession #	NP_032173.1
NCBI GenBank Nucleotide #	NM_008147.2
UniProt Accession #	Q61450
Molecular Weight	34,194 Da
NCBI Official Full Name	mast cell surface glycoprotein Gp49A isoform 1
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily B, member 4B
NCBI Official Symbol	Lilr4b
NCBI Official Synonym Symbols	gp49; Gp49a
NCBI Protein Information	mast cell surface glycoprotein Gp49A
UniProt Protein Name	Mast cell surface glycoprotein Gp49A
UniProt Gene Name	Gp49a
UniProt Synonym Gene Names	Gp49
UniProt Entry Name	GP49A_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/mast-cell-surface-glycoprotein-gp49a/56500>