

IFNAR1 elisa kit

Mouse IFNAR1 PicoKine ELISA Kit

CATALOG #
AAA125114

REACTIVITY
MouseThere is no detectable cross-reactivity with other relevant proteins.

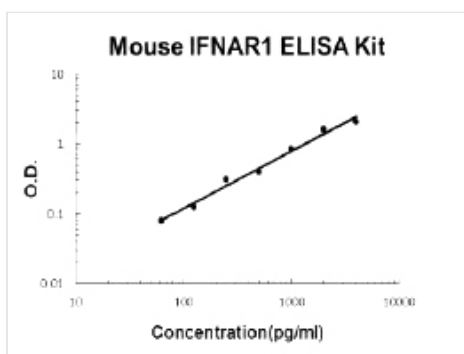
PRODUCT SYNONYMS

IFNAR1; Mouse IFNAR1 PicoKine ELISA Kit; Mouse IFNAR1; Interferon alpha/beta receptor 1; IFN-R-1; IFN-alpha/beta receptor 1; Type I interferon receptor 1; Ifnar1; Ifar; Ifnar; Interferon (alpha and beta) receptor 1; IFNAR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Mouse Hrg
Sequence Length	590
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNAR1 elisa kit	Principle of the Assay: The Picokine Mouse Hrg Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Hrg with a 96-well strip plate that is pre-coated with antibody specific for Hrg. The detection antibody is a biotinylated antibody specific for Hrg. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Hrg with immunogen: Expression system for standard: NSO, Immunogen sequence: L19-K525. The kit is analytically validated with ready to use reagents. To measure Mouse Hrg, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Hrg in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Hrg in the sample!!Background/Introduction: HRG is a?glycoprotein?that in humans is encoded by the?HRG?gene.?The HRG protein is produced in the liver, and it could also be synthesized by?monocytes,?macrophages, and?megakaryocytes.?It possesses a multi-domain?structure, which makes it capable of binding to numerous ligands and modulating various biological processes including?immunity,?vascularization?and?coagulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160358843
NCBI GeneID	15975
NCBI Accession #	NP_034638.2
NCBI GenBank Nucleotide #	NM_010508.2
UniProt Accession #	P33896; Q80UJ3
Molecular Weight	65,796 Da
NCBI Official Full Name	interferon alpha/beta receptor 1
NCBI Official Synonym Full Names	interferon (alpha and beta) receptor 1
NCBI Official Symbol	Ifnar1
NCBI Official Synonym Symbols	Ifar; Ifrc; Ifnar; Infar
NCBI Protein Information	interferon alpha/beta receptor 1
UniProt Protein Name	Interferon alpha/beta receptor 1
UniProt Gene Name	Ifnar1
UniProt Synonym Gene Names	Ifar; Ifnar; IFN-R-1; IFN-alpha/beta receptor 1

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/mouse-elisa-kits/ifnar1/125114>