

Mouse Perforin 1 ELISA Kit | PRF1 elisa kit

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CATALOG #
AAA84406

REACTIVITY
Mouse

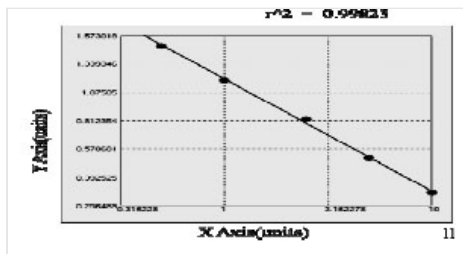
PRODUCT SYNONYMS

Perforin 1; Mouse Perforin 1 ELISA Kit; PRF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PRF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PRF1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRF1 elisa kit

Principle of the Assay: PRF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PRF1 antibody and an PRF1-HRP conjugate. The assay sample and buffer are incubated together with PRF1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PRF1 concentration since PRF1 from samples and PRF1-HRP conjugate compete for the anti-PRF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PRF1 from the sample, fewer sites are left to bind PRF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PRF1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PRF1 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	133908621
NCBI GeneID	5551
NCBI Accession #	NP_001076585.1
NCBI GenBank Nucleotide #	NM_001083116.1
Molecular Weight	61,377 Da
NCBI Official Full Name	perforin-1
NCBI Official Synonym Full Names	perforin 1 (pore forming protein)
NCBI Official Symbol	PRF1
NCBI Official Synonym Symbols	P1; PFP; FLH2; PFN1; HPLH2
NCBI Protein Information	perforin-1; cytolyisin; lymphocyte pore forming protein; lymphocyte pore-forming protein
UniProt Protein Name	Perforin-1
UniProt Gene Name	PRF1
UniProt Synonym Gene Names	PFP; P1; PFP
UniProt Entry Name	PERF_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/prf1-mouse-elisa-kits/perforin-1/84406>