

Mouse perforin 1 (pore forming protein) ELISA Kit | PRF1 elisa kit

Mouse Perforin/Pore-forming protein, PF/PFP ELISA Kit

CATALOG #
AAA79738

REACTIVITY
Mouse

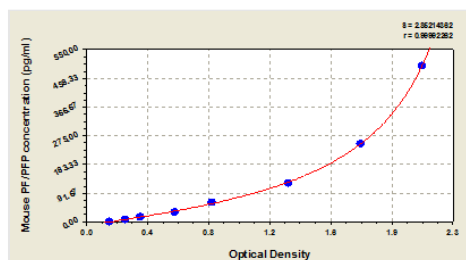
PRODUCT SYNONYMS

perforin 1 (pore forming protein); Mouse Perforin/Pore-forming protein; PF/PFP ELISA Kit; RP11-710A11.3; FLH2; HPLH2; MGC65093; P1; PFN1; PFP; OTTHUMP00000019759; cytolyisin; lymphocyte pore forming protein; perforin 1; PRF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PF/PFP. No significant cross-reactivity or interference between mouse PF/PFP and analogues was observed.
Sequence Length	554
Samples	Serum, plasma and cell culture supernates
Assay Type	Sandwich
Detection Range	7.8 pg/ml -500 pg/ml.
Sensitivity	The minimum detectable dose of mouse PF/PFP is typically less than 1.95 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRF1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PF/PFP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PF/PFP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PF/PFP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PF/PFP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225735600
NCBI GeneID	18646
NCBI Accession #	NP_035203.3
NCBI GenBank Nucleotide #	NM_011073.3
UniProt Accession #	P10820
Molecular Weight	62,081 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	Pfn; Pfp; Prf-1
NCBI Protein Information	perforin-1; P1; cytolysin; pore forming protein; lymphocyte pore-forming protein
UniProt Protein Name	Perforin-1
UniProt Gene Name	Prf1
UniProt Synonym Gene Names	Pfp; P1
UniProt Entry Name	PERF_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.

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Online datasheet: <https://www.aaabiotech.com/prf1-mouse-elisa-kits/perforin-1-pore-forming-protein/79738>