

Rat Perforin-1 ELISA Kit | Prf1 elisa kit

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CATALOG #
AAA193261

REACTIVITY
Rat

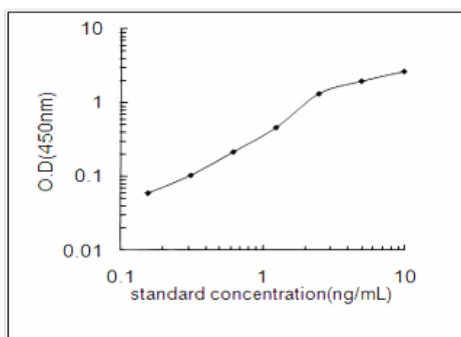
PRODUCT SYNONYMS

Perforin-1; Rat Perforin-1 ELISA Kit; P1; Cytolysin; Lymphocyte pore-forming protein; Prf1; Pfp; Prf1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat P1. No significant cross-reactivity or interference was observed.
Sequence Length	554
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.081 ng/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=6.7%
Recovery	89%
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 Prf1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of of rat perforin-1,P1 concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to P1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for P1 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 P1, 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 P1 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 #	548477
NCBI GeneID	50669
UniProt Accession #	P35763
Molecular Weight	61,513 Da
NCBI Official Full Name	Perforin-1
NCBI Official Synonym Full Names	perforin 1
NCBI Official Symbol	Prf1
NCBI Official Synonym Symbols	Cyta; RATCYTA
NCBI Protein Information	perforin-1
UniProt Protein Name	Perforin-1
UniProt Gene Name	Prf1
UniProt Synonym Gene Names	Pfp; P1
UniProt Entry Name	PERF_RAT

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-rat-elisa-kits/perforin-1/193261>