

Rat Perforin 1 ELISA Kit | PRF1 elisa kit

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CATALOG #
AAA83969

REACTIVITY
Rat

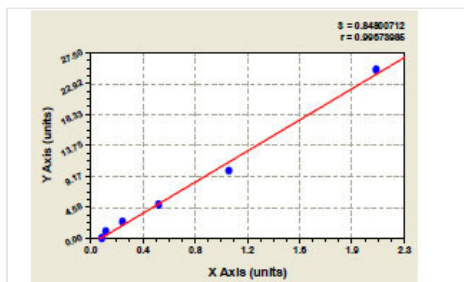
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25 ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRF1 elisa kit

Intended Uses: This Perforin 1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Perforin 1. This ELISA kit for research use only!

Principle of the Assay: Perforin 1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Perforin 1. Standards or samples are then added to the microtiter plate wells and Perforin 1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Perforin 1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for Perforin 1 are added to each well to "sandwich" the Perforin 1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Perforin 1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Perforin 1 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://www.aaabiotech.com/prf1-rat-elisa-kits/perforin-1/83969>