

Human Perforin ELISA Kit | PRF1 elisa kit

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CATALOG #
AAA281364

REACTIVITY
Human

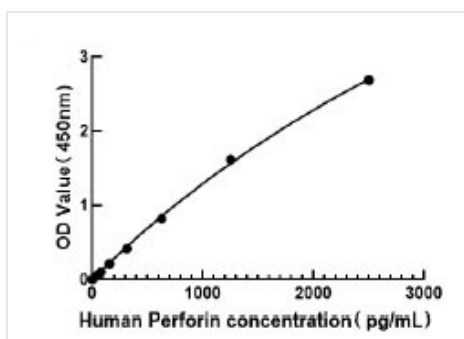
PRODUCT SYNONYMS

Perforin; Human Perforin ELISA Kit; PRF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural human Perforin. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Sequence Length	555
Assay Type	Quantitative Sandwich
Sensitivity	< 19.5pg/mL
Intra-assay Precision	Intra-plate Precision The three samples with known concentrations were repeated 20 times on the same board to calculate the coefficient of variation (CV) for the concentrations. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision The coefficient of variation (CV) of three known concentrations was calculated by 20 tests of two kits on each of the three samples. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRF1 elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Perforin in human serum, plasma, cell culture supernatants and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human Perforin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Perforin present is bound by the immobilized antibody. After washing away any unbound substances, a biotin-conjugated detection antibody specific for human Perforin is added to the wells. After incubating, an enzyme-linked streptavidin is added and binds to biotin. Following a wash to remove any unbound antibody-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Perforin bound in the initial step. The color development is stopped, and the absorbance is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133908621
NCBI GeneID	5551
NCBI Accession #	NP_001076585.1
NCBI GenBank Nucleotide #	NM_001083116.3
UniProt Accession #	P14222; Q59F57; Q86WX7; B2R6X4
Molecular Weight	61,377 Da
NCBI Official Full Name	perforin-1
NCBI Official Synonym Full Names	perforin 1
NCBI Official Symbol	PRF1
NCBI Official Synonym Symbols	P1; PFP; HPLH2
NCBI Protein Information	perforin-1
UniProt Protein Name	Perforin-1
UniProt Gene Name	PRF1
UniProt Synonym Gene Names	PFP; P1; PFP

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.