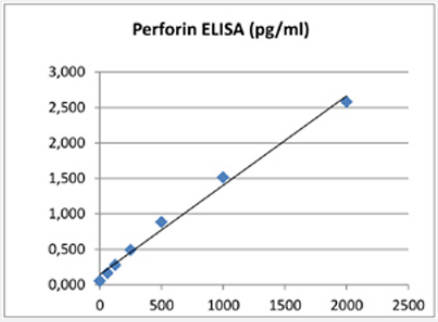
PRF1 (Human) ELISA Kit

Catalog # KA3867 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	PRF1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human PRF1.
Suitable Sample	Biological Fluids, Cell Culture Supernatant, Plasma, Serum
Sample Volume	100 uL
Label	Biotin-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	4%
Inter-Assay	4.33%
Calibration Range	62.5 pg/ml-2000 pg/ml
Limit of Detection	<40 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)

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Quality Control Testing	Standard Curve The standard curve is for the purpose of demonstration only and should not be used to calculate unkn owns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — PRF1

Entrez GeneID	5551
Gene Name	PRF1
Gene Alias	FLH2, HPLH2, MGC65093, P1, PFN1, PFP
Gene Description	perforin 1 (pore forming protein)
Omim ID	170280 603553 605027
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene has structural and functional similarities to complement compon ent 9 (C9). Like C9, this protein creates transmembrane tubules and is capable of lysing non-spe cifically a variety of target cells. This protein is one of the main cytolytic proteins of cytolytic granul es, and it is known to be a key effector molecule for T-cell- and natural killer-cell-mediated cytolysi s. Defects in this gene cause familial hemophagocytic lymphohistiocytosis type 2 (HPLH2), a rare and lethal autosomal recessive disorder of early childhood. Alternative splicing results in multiple t ranscript variants encoding the same protein. [provided by RefSeq
Other Designations	OTTHUMP00000019759|cytolysin|lymphocyte pore forming protein|perforin 1

Pathway

- Allograft rejection
- Autoimmune thyroid disease
- Graft-versus-host disease
- Natural killer cell mediated cytotoxicity

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- Type I diabetes mellitus

Disease

- Alzheimer Disease
- Arthritis
- Asthma
- Autoimmune Diseases
- Bronchiolitis
- Diabetes Mellitus
- Disease Progression
- Epstein-Barr Virus Infections
- Genetic Predisposition to Disease
- HIV Infections
- HTLV-I Infections
- Infant
- Leukemia
- Lymphohistiocytosis
- Lymphoma
- Lymphoproliferative Disorders
- Macrophage Activation Syndrome
- Multiple Sclerosis
- Respiratory Syncytial Virus Infections

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