

Mouse Perforin/Pore-forming protein (PF/PFP) ELISA Kit

Catalog No: #EK8298

Package Size: #EK8298-1 48T #EK8298-2 96T

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Description

Product Name	Mouse Perforin/Pore-forming protein (PF/PFP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	RP11-710A11.3; FLH2; HPLH2; MGC65093; P1; PFN1; PFP; OTTHUMP00000019759 cytolysin lymphocyte pore forming protein perforin 1
Accession No.	P10820
Uniprot	P10820
GeneID	18646;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:7.8-500 pg/mL
Sensitivity:1.95 pg/mL
Sample Type:Serum, Plasma, Other biological fluids
Sample Volume: 1-200 µL
Assay Time:1-4.5h
Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate PRF1 in samples. An antibody specific for PRF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyPRF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRF1 is added to the wells. After washing, Streptavidin 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 PRF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Pore-forming proteins (Also known as Pore-forming toxins) are protein exotoxins, usually produced by bacteria, such as C.septicum and S.aureus. They are frequently cytotoxic (i.e., they kill cells), as they create unregulated pores in the membrane of targeted cells

Note: This product is for in vitro research use only