

Human Formyl Peptide Receptor 1 (FPR1) ELISA Kit | FPR1 elisa kit

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CATALOG #
AAA68027

REACTIVITY
Human

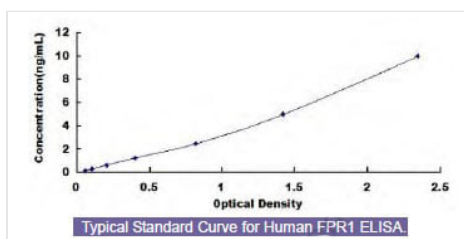
PRODUCT SYNONYMS

Formyl Peptide Receptor 1 (FPR1); Human Formyl Peptide Receptor 1 (FPR1) ELISA Kit; FPR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FPR1. No significant cross-reactivity or interference between FPR1 and analogues was observed.
Sequence Length	350
Samples	Cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FPR1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FPR1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FPR1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FPR1 in human cell lysates, 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 FPR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FPR1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FPR1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FPR1 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 #	300863094
NCBI GeneID	2357
NCBI Accession #	NP_001180235.1
NCBI GenBank Nucleotide #	NM_001193306.1
UniProt Accession #	P21462; Q14939; Q7Z6A4; Q86U52; Q9NS48
Molecular Weight	38,446 Da
NCBI Official Full Name	fMet-Leu-Phe receptor
NCBI Official Synonym Full Names	formyl peptide receptor 1
NCBI Official Symbol	FPR1
NCBI Official Synonym Symbols	FPR; FMLP
NCBI Protein Information	fMet-Leu-Phe receptor
UniProt Protein Name	fMet-Leu-Phe receptor
UniProt Gene Name	FPR1
UniProt Synonym Gene Names	fMLP receptor; FPR

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.