

Human Formyl Peptide Receptor 2 (FPR2) ELISA Kit | FPR2 elisa kit

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CATALOG #
AAA140451

REACTIVITY
Human

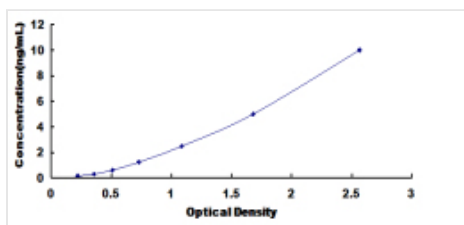
PRODUCT SYNONYMS

Formyl Peptide Receptor 2 (FPR2); Human Formyl Peptide Receptor 2 (FPR2) ELISA Kit; LXA4R; FPRL1; RFP; ALXR; FMLP-R-II; FMLPX; FPR2A; FPRH1; FPRH2; HM63; LRLP; N-Formyl Peptide Receptor 2; Lipoxin A4 Receptor Like Protein; FMLP-related receptor I; FPR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Formyl Peptide Receptor 2 (FPR2). No significant cross-reactivity or interference between Formyl Peptide Receptor 2 (FPR2) and analogues was observed.
Sequence Length	351
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Formyl Peptide Receptor 2 (FPR2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Formyl Peptide Receptor 2 (FPR2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FPR2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Formyl Peptide Receptor 2 (FPR2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Formyl Peptide Receptor 2 (FPR2). 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 Formyl Peptide Receptor 2 (FPR2), 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 Formyl Peptide Receptor 2 (FPR2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FPR2 elisa kit	Signal transduction; Infection immunity; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	47940096
NCBI GeneID	2358
UniProt Accession #	P25090; A8K3E2; AAB23104
Molecular Weight	38,964 Da
NCBI Official Full Name	Formyl peptide receptor 2
NCBI Official Synonym Full Names	formyl peptide receptor 2
NCBI Official Symbol	FPR2
NCBI Official Synonym Symbols	ALXR; HM63; FMLPX; FPR2A; FPRH1; FPRH2; FPRL1; LXA4R; FMLP-R-II
NCBI Protein Information	N-formyl peptide receptor 2
UniProt Protein Name	N-formyl peptide receptor 2
UniProt Gene Name	FPR2
UniProt Synonym Gene Names	FPRH1; FPRL1; LXA4R; FMLP-R-I; LXA4 receptor
UniProt Entry Name	FPR2_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://stage.aaabiotech.com/human-elisa-kits/formyl-peptide-receptor-2-fpr2/140451>