

Mouse Formyl Peptide Receptor 2 ELISA Kit | FPR2 elisa kit

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CATALOG #
AAA101292

REACTIVITY
Mouse

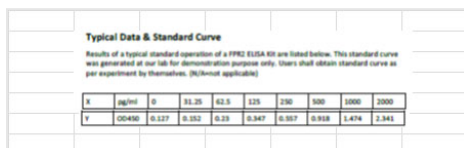
PRODUCT SYNONYMS

Formyl Peptide Receptor 2; Mouse Formyl Peptide Receptor 2 ELISA Kit; FPR2/RFP/Lipoxin A4 receptor/LXA4 receptor/HM63/FMLP-related receptor I/FMLP-R-I/Formyl peptide receptor-like 1/FPRH1/FPRL1/LXA4R; FPR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FPR2 . No significant cross-reactivity or interference between FPR2 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the crossreactivity detection between FPR2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	351
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FPR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FPR2 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FPR2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-FPR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- FPR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the FPR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FPR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47940096
NCBI GeneID	2358
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/fpr2-mouse-elisa-kits/formyl-peptide-receptor-2/101292>