

Human Formyl Peptide Receptor 2 ELISA Kit | FPR2 elisa kit

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CATALOG #
AAA83708

REACTIVITY
Human

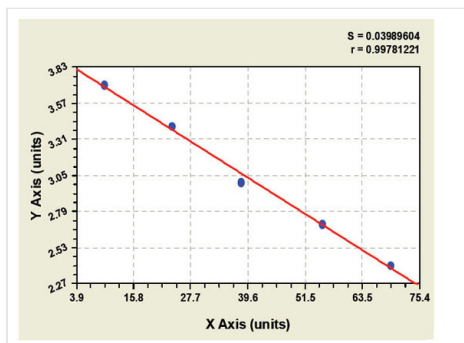
PRODUCT SYNONYMS

Formyl Peptide Receptor 2; Human Formyl Peptide Receptor 2 ELISA Kit; FPR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FPR2 elisa kit

Intended Uses: This FPR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FPR2. This ELISA kit for research use only!

Principle of the Assay: FPR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FPR2 antibody and an FPR2-HRP conjugate. The assay sample and buffer are incubated together with FPR2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FPR2 concentration since FPR2 from samples and FPR2-HRP conjugate compete for the anti-FPR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FPR2 from the sample, fewer sites are left to bind FPR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FPR2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679853
NCBI GeneID	14289
NCBI Accession #	NP_032065.1
NCBI GenBank Nucleotide #	NM_008039.2
Molecular Weight	39,422 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	Fpr-rs2; E330010I07Rik
NCBI Protein Information	formyl peptide receptor 2; N-formylpeptide receptor-like 2; lipoxin A4 receptor-like protein; formylpeptide receptor-related sequence 2; formyl peptide receptor, related sequence 2
UniProt Protein Name	Formyl peptide receptor 2
UniProt Gene Name	Fpr2
UniProt Synonym Gene Names	Fpr-rs2
UniProt Entry Name	FPR2_MOUSE

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-human-elisa-kits/formyl-peptide-receptor-2/83708>