

Sheep Formyl Peptide Receptor 2 ELISA Kit | FPR2 elisa kit

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CATALOG #
AAA96715

REACTIVITY
Sheep

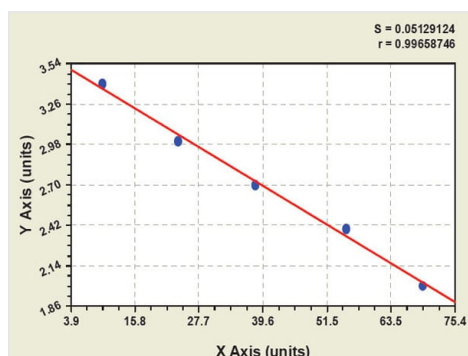
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



ADDITIONAL INFORMATION

Related Product Information for FPR2 elisa kit

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.

Product Categories/Family for FPR2 elisa kit

Signal Transduction

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; RFP; FMLP-R-I; LXA4 receptor; FMLP-related receptor I; formyl peptide receptor-like 1; lipoxin A4 receptor (formyl peptide receptor related)
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-sheep-elisa-kits/formyl-peptide-receptor-2/96715>