

Human Neuropeptide FF receptor 2 ELISA Kit | NPFFR2 elisa kit

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CATALOG #
AAA99007

REACTIVITY
Human

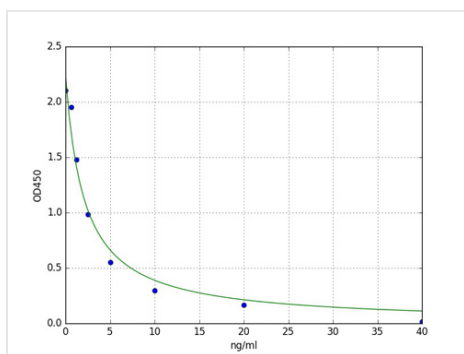
PRODUCT SYNONYMS

Neuropeptide FF receptor 2; Human Neuropeptide FF receptor 2 ELISA Kit; NPFFR2/Neuropeptide FF receptor 2/Neuropeptide G-protein coupled receptor/G-protein coupled receptor 74/G-protein coupled receptor HLWAR77; NPFFR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	420
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a NPFFR2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	2.869	2.213	1.821	1.433	1.098	0.725	0.612	0.427

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPFFR2 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to NPFFR2. During the reaction,NPFFR2 in the sample or standard competes with a fixed amount of biotin-labeled NPFFR2 for sites on a pre-coated Monoclonal antibody specific to NPFFR2. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of NPFFR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11907915
NCBI GeneID	10886
Molecular Weight	15,055 Da
NCBI Official Full Name	neuropeptide FF receptor 2
NCBI Official Synonym Full Names	neuropeptide FF receptor 2
NCBI Official Symbol	NPFFR2
NCBI Official Synonym Symbols	GPR74; NPFF2; NPGPR; HLWAR77
NCBI Protein Information	neuropeptide FF receptor 2
UniProt Protein Name	Neuropeptide FF receptor 2
UniProt Gene Name	NPFFR2
UniProt Synonym Gene Names	GPR74; NPFF2; NPGPR
UniProt Entry Name	NPFF2_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://www.aaabiotech.com/npffr2-human-elisa-kits/neuropeptide-ff-receptor-2/99007>