

Human prepronociceptin ELISA Kit | PNOC elisa kit

Human orphanin FQ/nociceptin, OFQ/N ELISA Kit

CATALOG #
AAA79565

REACTIVITY
Human

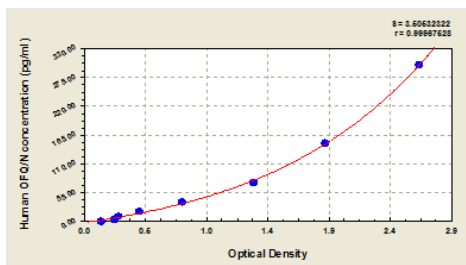
PRODUCT SYNONYMS

prepronociceptin; Human orphanin FQ/nociceptin; OFQ/N ELISA Kit; PPNOC; nocistatin; propronociceptin; PNOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PNOC. No significant cross-reactivity or interference between Human PNOC and analogues was observed.
Sequence Length	112
Samples	Serum, plasma, cell culture supernates
Detection Range	4.69 pg/ml -300 pg/ml
Sensitivity	1.17 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PNOC elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OFQ/N. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for OFQ/N and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain OFQ/N, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 +/- 2 nm. The concentration of OFQ/N in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	545746382
NCBI GeneID	5368
NCBI Accession #	NP_001271173.1
NCBI GenBank Nucleotide #	NM_001284244.1
UniProt Accession #	Q13519; Q6FH16; B7Z749
Molecular Weight	20,295 Da
NCBI Official Full Name	prepronociceptin isoform 2
NCBI Official Synonym Full Names	prepronociceptin
NCBI Official Symbol	PNOC
NCBI Official Synonym Symbols	PPNOC
NCBI Protein Information	prepronociceptin; nocistatin; propronociceptin
UniProt Protein Name	Prepronociceptin
UniProt Gene Name	PNOC
UniProt Synonym Gene Names	OFQ
UniProt Entry Name	PNOC_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.