

Human Prepronociceptin ELISA Kit | PNOC elisa kit

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CATALOG #
AAA100615

REACTIVITY
Human

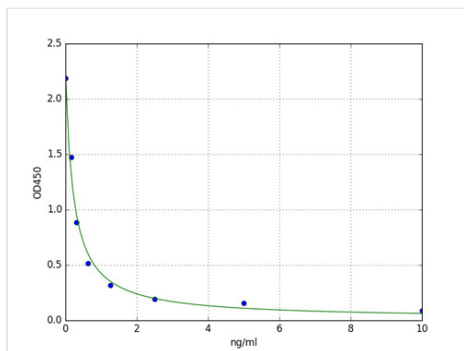
PRODUCT SYNONYMS

Prepronociceptin; Human Prepronociceptin ELISA Kit; PNOC/OFQ/Prepronociceptin; PNOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	181
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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



Typical Data & Standard Curve
Results of a typical standard run of a PNOC 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	pg/ml	0	156	312.5	625	1250	2500	5000	10000
Y	OD450	2.407	2.013	1.735	1.363	0.975	0.706	0.491	0.392

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PNOC 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 PNOC. During the reaction, PNOC in the sample or standard competes with a fixed amount of biotin-labeled PNOC for sites on a pre-coated Monoclonal antibody specific to PNOC. 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 PNOC in the samples is then determined by comparing the OD. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6981378

NCBI GeneID	25516
NCBI Accession #	NP_037139.1
NCBI GenBank Nucleotide #	NM_013007.1
Molecular Weight	20,479 Da
NCBI Official Full Name	prepronociceptin
NCBI Official Synonym Full Names	prepronociceptin
NCBI Official Symbol	Pnoc
NCBI Official Synonym Symbols	N23K; Npnc1
NCBI Protein Information	prepronociceptin
UniProt Protein Name	Prepronociceptin
UniProt Gene Name	Pnoc
UniProt Entry Name	PNOC_RAT

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/pnoc-human-elisa-kits/prepronociceptin/100615>