

ARG83805 Neuropeptide Q ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83805 Neuropeptide Q ELISA Kit is an Enzyme Immunoassay kit for the quantification of Neuropeptide Q in serum, plasma, tissue and CSF extractions.
Tested Reactivity	Hu, Ms, Rat, Bov
Tested Application	ELISA
Specificity	Cross reactivity: Neuropeptide Q (Human, Rat, Mouse): 100% Preprospexin (36-58) (Human): 0% Ghrelin (Human): 0% Orexin A (Human, Rat, Mouse): 0% Alpha-MSH (Human): 0% AGRP (Human): 0% NPY (Human): 0% PYY (3-36) (Human): 0%
Target Name	Neuropeptide Q
Conjugation	HRP
Sensitivity	0.11 ng/ml
Detection Range	0 - 100 ng/ml; linear range: 0.11 - 1.07 ng/ml
Sample Type	serum, plasma, tissue and CSF extractions
Standard Range	0 - 100 ng/ml
Alternate Names	Neuropeptide Q; Spexin; NPQ; C12orf39; SPX1; MGC10946; Chromosome 12 Open Reading Frame 39

Properties

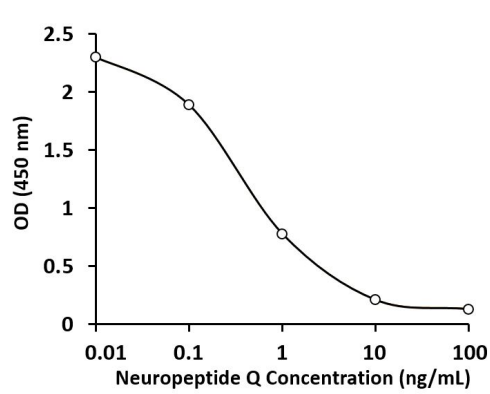
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SPX
Gene Full Name	Neuropeptide Q
Background	The protein encoded by this gene is a hormone involved in modulation of cardiovascular and renal function. It has also been shown in rats to cause weight loss. Several transcript variants have been found for this gene. [provided by RefSeq, Feb 2016]
Function	Plays a role as a central modulator of cardiovascular and renal function and nociception. Also plays a role in energy metabolism and storage. Inhibits adrenocortical cell proliferation with minor stimulation on corticosteroid release. [Uniprot]

Highlight	Related products: Neuropeptide antibodies ; Neuropeptide ELISA Kits ;
PTM	Amidation; Cleavage on pair of basic residues. [Uniprot]
Cellular Localization	Cytoplasmic vesicle; Secreted. [Uniprot]

Images



ARG83805 Neuropeptide Q ELISA Kit standard curve image

ARG83805 Neuropeptide Q ELISA Kit results of a typical standard run with optical density reading at 450 nm.