

Human Vasoactive intestinal polypeptide receptor 2 ELISA Kit | VIPR2 elisa kit

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CATALOG #
AAA99558

REACTIVITY
Human

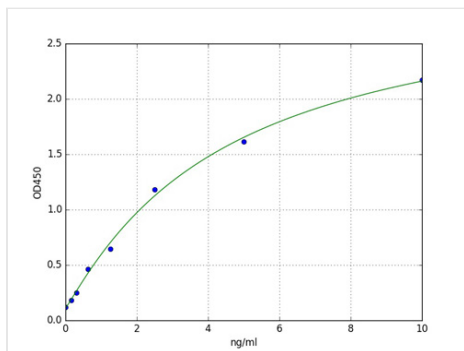
PRODUCT SYNONYMS

Vasoactive intestinal polypeptide receptor 2; Human Vasoactive intestinal polypeptide receptor 2 ELISA Kit; VIPR2/Vasoactive intestinal polypeptide receptor 2/VIP-R-2/VPAC2/Helodermin-preferring VIP receptor/Pituitary adenylate cyclase-activating polypeptide type III receptor/PACAP type III receptor/PACAP-R-3/PACAP-R3/VIP2R; VIPR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	358
Assay Type	Sandwich ELISA, Double Antibody
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



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human VIPR2 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.001	0.072	0.131	0.281	0.501	0.872	1.465	1.945

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIPR2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human VIPR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human VIPR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human VIPR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human VIPR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	751557614
NCBI GeneID	7434
NCBI Accession #	NP_001291451.1
NCBI GenBank Nucleotide #	NM_001304522.1
Molecular Weight	46,756 Da
NCBI Official Full Name	vasoactive intestinal polypeptide receptor 2 isoform 2
NCBI Official Synonym Full Names	vasoactive intestinal peptide receptor 2
NCBI Official Symbol	VIPR2
NCBI Official Synonym Symbols	VPAC2; VPAC2R; VIP-R-2; VPCAP2R; PACAP-R3; DUP7q36.3; PACAP-R-3; C16DUPq36.3
NCBI Protein Information	vasoactive intestinal polypeptide receptor 2
UniProt Protein Name	Vasoactive intestinal polypeptide receptor 2
UniProt Gene Name	VIPR2
UniProt Synonym Gene Names	VIP2R; VIP-R-2; PACAP type III receptor; PACAP-R-3; PACAP-R3
UniProt Entry Name	VIPR2_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/vipr2-human-elisa-kits/vasoactive-intestinal-polypeptide-receptor-2/99558>