

Human VIPR1 ELISA Kit | VIPR1 elisa kit

Human VIPR1 (Vasoactive Intestinal Peptide Receptor) ELISA Kit

CATALOG #
AAA164971

REACTIVITY
Human

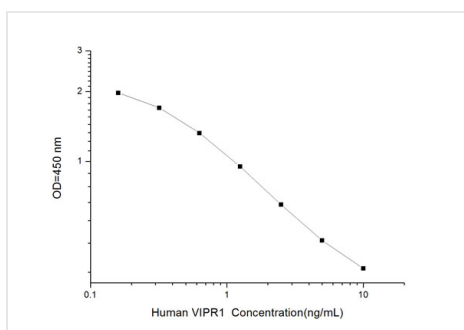
PRODUCT SYNONYMS

VIPR1; Human VIPR1 (Vasoactive Intestinal Peptide Receptor) ELISA Kit; VIPR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human VIPR1. No significant cross-reactivity or interference between Human VIPR1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human VIPR1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	430
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIPR1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VIPR1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human VIPR1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human VIPR1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human VIPR1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human VIPR1. You can calculate the concentration of Human VIPR1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	353523869
NCBI GeneID	7433
NCBI Accession #	NP_001238814.1
NCBI GenBank Nucleotide #	NM_001251885.1
UniProt Accession #	P32241; Q15871; Q6P2M6; A5JUT9; B3KPV1; B4DEB5; B4DGI4; F5H1F5; G3V0I1
Molecular Weight	47,201 Da
NCBI Official Full Name	vasoactive intestinal polypeptide receptor 1 isoform 5
NCBI Official Synonym Full Names	vasoactive intestinal peptide receptor 1
NCBI Official Symbol	VIPR1
NCBI Official Synonym Symbols	II; HVR1; RDC1; V1RG; VIPR; VIRG; VAPC1; VPAC1; VPAC1R; VIP-R-1; VPCAP1R; PACAP-R2; PACAP-R-2
NCBI Protein Information	vasoactive intestinal polypeptide receptor 1; PACAP type II receptor; VIP and PACAP receptor 1; VIP receptor, type I; pituitary adenylate cyclase activating polypeptide receptor, type II
UniProt Protein Name	Vasoactive intestinal polypeptide receptor 1
UniProt Gene Name	VIPR1
UniProt Synonym Gene Names	VIP-R-1; PACAP type II receptor; PACAP-R-2; PACAP-R2
UniProt Entry Name	VIPR1_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.