Human Vasoactive Intestinal Polypeptide Receptor 1 (VIPR1) ELISA Kit | VIPR1 elisa kit

Human Vasoactive Intestinal Polypeptide Receptor 1 (VIPR1) ELISA Kit

CATALOG #	REACTIVITY
AAA330280	**Human**

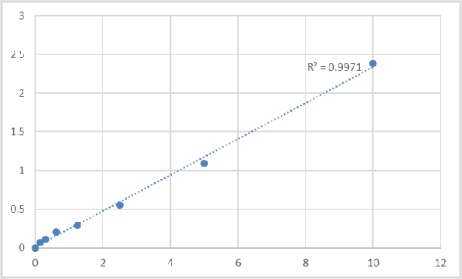
PRODUCT SYNONYMS

Vasoactive Intestinal Polypeptide Receptor 1 (VIPR1); Human Vasoactive Intestinal Polypeptide Receptor 1 (VIPR1) ELISA Kit; VIPR1; FLJ41949; HVR1; PACAP-R-2; RDC1; V1RG; VAPC1; VIPR; VIRG; VPAC1; VPCAP1R; PACAP type receptor; VIP receptor; type I; pituitary adenylate cyclase activating polypeptide receptor; type; VIPR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Vasoactive intestinal polypeptide receptor 1 (VIPR1) ELISA Kit has high sensitivity and excellent specificity for detection of Human VIPR1. No significant cross-reactivity or interference between Human VIPR1 and analogues was observed.
Sequence Length	247
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Vasoactive intestinal polypeptide receptor 1 (VIPR1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VIPR1 elisa kit	Description: This Human Vasoactive intestinal polypeptide receptor 1 (VIPR1) ELISA Kit employs a two-site sandwich ELISA to quantitate VIPR1 in samples. An antibody specific for VIPR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VIPR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VIPR1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VIPR1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Vasoactive intestinal peptide receptor 1 is expressed in the brain (cerebral cortex, hippocampus, amygdala), lung, prostate, peripheral blood leukocytes, liver, small intestine, heart, spleen, placenta, kidney, thymus and testis. This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate

NCBI AND UNIPROT INFORMATION

NCBI GI #	353523865
NCBI GeneID	7433
NCBI Accession #	NP_001238812.1
NCBI GenBank Nucleotide #	NP_001238812.1
UniProt Accession #	P32241
NCBI Official Full Name	vasoactive intestinal polypeptide receptor 1 isoform 3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/vasoactive-intestinal-polypeptide-receptor-1-vipr1/330280