

Human Vasoactive Intestinal Peptide, VIP ELISA Kit | VIP elisa kit

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CATALOG #
AAA11146

REACTIVITY
Human

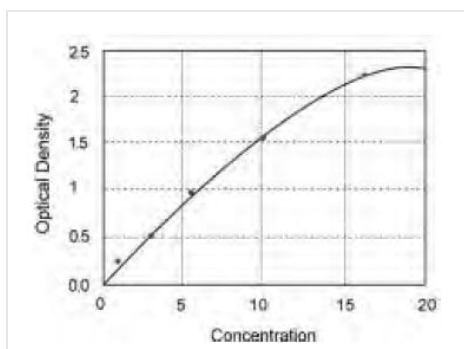
PRODUCT SYNONYMS

Vasoactive Intestinal Peptide; VIP; Human Vasoactive Intestinal Peptide; VIP ELISA Kit; VIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	121
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1000ng/L
Sensitivity	3.11ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIP elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human VIP antibody. VIP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human VIP Antibody is added and binds to VIP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VIP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human VIP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Vasoactive Intestinal Peptide (also known as VIP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340248
NCBI GeneID	7432
UniProt Accession #	P01282; Q5TCY8; Q5TCY9; Q96QK3
Molecular Weight	19,082 Da
NCBI Official Full Name	vasoactive intestinal peptide, partial
NCBI Official Synonym Full Names	vasoactive intestinal peptide
NCBI Official Symbol	VIP
NCBI Official Synonym Symbols	PHM27
NCBI Protein Information	VIP peptides
UniProt Protein Name	VIP peptides
UniProt Gene Name	VIP
UniProt Synonym Gene Names	VIP

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/human-elisa-kits/vasoactive-intestinal-peptide-vip/11146>