

Human VIP ELISA Kit | VIP elisa kit

Human VIP (Vasoactive Intestinal Peptide) ELISA Kit

CATALOG #
AAA21865

REACTIVITY
Human

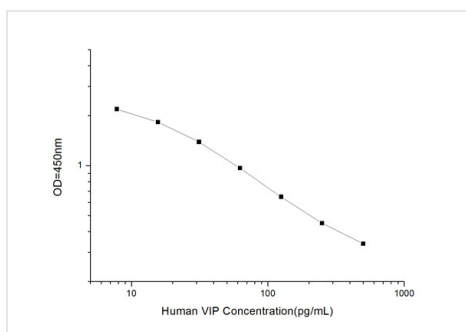
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human VIP in samples. No significant cross-reactivity or interference between Human VIP and analogues was observed.
Sequence Length	28
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	7.81-500pg/mL
Sensitivity	4.69pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human VIP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human VIP were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIP elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human VIP. During the reaction, Human VIP in the sample or standard competes with a fixed amount of Human VIP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human VIP. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Human VIP in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human VIP concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	138577
Molecular Weight	3,270 Da
NCBI Official Full Name	Vasoactive intestinal peptide
UniProt Protein Name	Vasoactive intestinal peptide
UniProt Gene Name	vip
UniProt Synonym Gene Names	VIP
UniProt Entry Name	VIP_SCYCA

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/vip/21865>