

Mouse Vasoactive Intestinal Peptide ELISA Kit | VIP elisa kit

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CATALOG #
AAA98402

REACTIVITY
Mouse

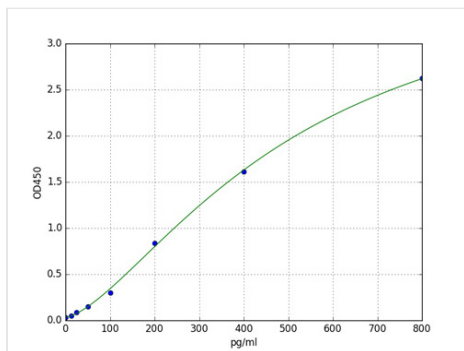
PRODUCT SYNONYMS

Vasoactive Intestinal Peptide; Mouse Vasoactive Intestinal Peptide ELISA Kit; VIP (vasoactive intestinal peptide)/VIP peptides/PHM27; VIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	78
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	12.5-800pg/ml
Sensitivity	7.5pg/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



Typical Data & Standard Curve
Results of a typical standard run of a VIP 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	pg/ml	0	12.5	25	50	100	200	400	800
Y	OD450	2.397	1.990	1.693	1.318	0.949	0.667	0.490	0.392

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIP elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with VIP. During the reaction, VIP in the sample or standard competes with a fixed amount of VIP on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to VIP. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is 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 a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of VIP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

553809

NCBI GeneID	7432
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
UniProt Entry Name	VIP_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/vip-mouse-elisa-kits/vasoactive-intestinal-peptide/98402>