

Mouse vasoactive intestinal peptide ELISA Kit | VIP elisa kit

Mouse Vasoactive Intestinal Peptide, VIP ELISA Kit

CATALOG #
AAA15399

REACTIVITY
Mouse

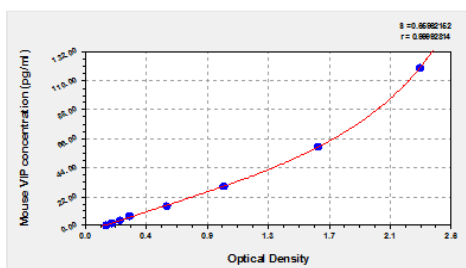
PRODUCT SYNONYMS

vasoactive intestinal peptide; Mouse Vasoactive Intestinal Peptide; VIP ELISA Kit; MGC13587; PHM27; ; VIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse VIP. No significant cross-reactivity or interference between mouse VIP and analogues was observed.
Sequence Length	171
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.87 pg/ml-120 pg/ml
Sensitivity	< 0.47 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VIP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VIP is added to the wells. After washing, avidin 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 VIP bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794516
NCBI GeneID	22353
NCBI Accession #	NP_035832.1
NCBI GenBank Nucleotide #	NM_011702.2
UniProt Accession #	P32648; Q9D2Z7; Q9QUN1
Molecular Weight	19,049 Da
NCBI Official Full Name	VIP peptides preproprotein
NCBI Official Synonym Full Names	vasoactive intestinal polypeptide
NCBI Official Symbol	Vip
NCBI Protein Information	VIP peptides; PHI, peptide histidine isoleucine
UniProt Protein Name	VIP peptides
UniProt Gene Name	Vip
UniProt Synonym Gene Names	VIP
UniProt Entry Name	VIP_MOUSE

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/15399>