

Human Vasoactive intestinal peptide ELISA Kit | VIP elisa kit

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CATALOG #
AAA84397

REACTIVITY
Human

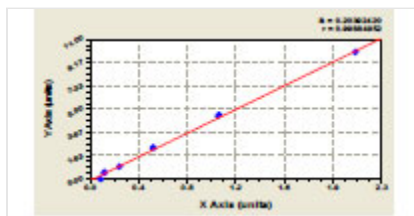
PRODUCT SYNONYMS

Vasoactive intestinal peptide; Human Vasoactive intestinal peptide ELISA Kit; VIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VIP elisa kit

Intended Uses||This VIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VIP. This ELISA kit for research use only!

Principle of the Assay: VIP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for VIP. Standards or samples are then added to the microtiter plate wells and VIP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of VIP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for VIP are added to each well to "sandwich" the VIP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain VIP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VIP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VIP elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	340248
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; prepro-VIP
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-human-elisa-kits/vasoactive-intestinal-peptide/84397>