

Canine Vasoactive Intestinal Peptide (VIP) ELISA Kit | VIP elisa kit

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CATALOG #
AAA122820

REACTIVITY
Canine

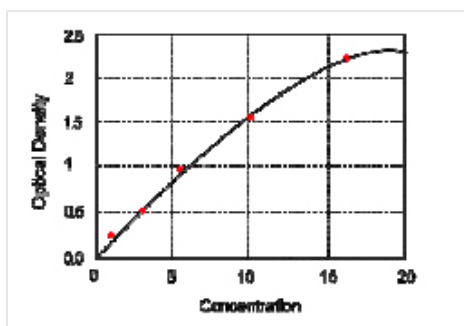
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	170
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-2000ng/L
Sensitivity	4.96ng/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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Vascular Endothelial cell Growth Factor (also known as VEGF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine VEGF antibody. VEGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine VEGF Antibody is added and binds to VEGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VEGF 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 Canine VEGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507897
NCBI GeneID	7432
NCBI Accession #	NP_003372.1
NCBI GenBank Nucleotide #	NM_003381.4
UniProt Accession #	P01282
NCBI Official Full Name	VIP peptides isoform 1 preproprotein
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://www.aaabiotech.com/canine-elisa-kits/vasoactive-intestinal-peptide-vip/122820>