

Canine Vesicular Acetylcholine Transporter (VACHT) ELISA Kit | VACHT elisa kit

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CATALOG #
AAA122819

REACTIVITY
Canine

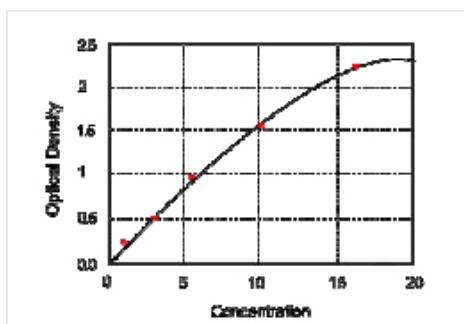
PRODUCT SYNONYMS

Vesicular Acetylcholine Transporter (VACHT); Canine Vesicular Acetylcholine Transporter (VACHT) ELISA Kit; VACHT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	532
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L-700ng/L
Sensitivity	1.53ng/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 VACHT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Vasoactive Intestinal Peptide (also known as VIP) 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 VIP antibody. VIP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine VIP Antibody is added and binds to VIP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VIP 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 VIP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582257
NCBI GeneID	6572
NCBI Accession #	NP_003046.2
NCBI GenBank Nucleotide #	NM_003055.3
UniProt Accession #	Q16572
NCBI Official Full Name	vesicular acetylcholine transporter
NCBI Official Synonym Full Names	solute carrier family 18 member A3
NCBI Official Symbol	SLC18A3
NCBI Official Synonym Symbols	CMS21; VACHT
NCBI Protein Information	vesicular acetylcholine transporter
UniProt Protein Name	Vesicular acetylcholine transporter
UniProt Gene Name	SLC18A3
UniProt Synonym Gene Names	VACHT; VACHT

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/canine-elisa-kits/vesicular-acetylcholine-transporter-vacht/122819>