

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



VIP (V120) Peptide

Cat No.: BS2919P

Background

Vasoactive Intestinal Peptide (VIP), a 28 amino acid peptide originally isolated from porcine duodenum, is present not only in gastrointestinal tissues but also in neural tissues, possibly as a neurotransmitter, and exhibits a wide variety of biological actions. It belongs to the glucagon family, and in the duodenum is known to stimulate myocardial contractility, cause vasodilation, increase glycogenolysis, lower arterial blood pressure and relax the smooth muscle of trachea, stomach and gall bladder. Ectopic endocrine tumors secreting VIP (VIPomas) give rise to raised plasma levels of VIP and are associated with watery diarrhea, hypokalemia and achlorhydria syndrome.

Swiss-Prot

P01282

Applications

Blocking

Specificity

This peptide can be used with studies using BS2919 VIP (V120) pAb.

Purification & Purity

Synthetic peptide VIP (V120). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.