

## Sheep Vasoactive intestinal peptide ELISA Kit | VIP elisa kit

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CATALOG #  
**AAA88114**

REACTIVITY  
**Sheep**

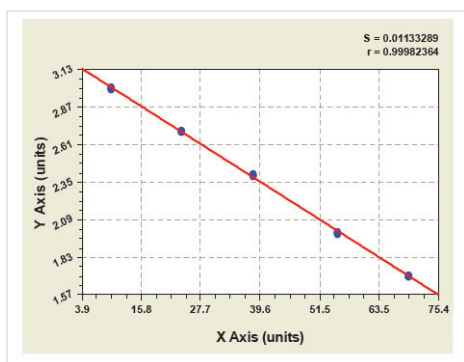
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                          |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                           |
| Intended Uses           | This VIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep VIP. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for VIP elisa kit

**Principle of the assay:** VIP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VIP antibody and an VIP-HRP conjugate. The assay sample and buffer are incubated together with VIP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VIP concentration since VIP from samples and VIP-HRP conjugate compete for the anti-VIP antibody binding site. Since the number of sites is limited, as more sites are occupied by VIP from the sample, fewer sites are left to bind VIP-HRP conjugate. 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-sheep-elisa-kits/vasoactive-intestinal-peptide/88114>