

## Canine Platelet Factor 4, PF-4 ELISA Kit | PF-4 elisa kit

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CATALOG #  
**AAA43556**

REACTIVITY  
**Canine**

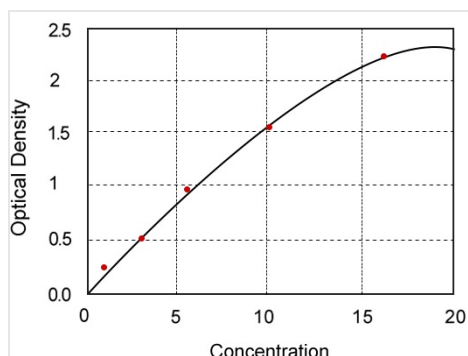
### PRODUCT SYNONYMS

Platelet Factor 4; PF-4; Canine Platelet Factor 4; PF-4 ELISA Kit; PF-4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Canine                                                                   |
| Sequence Length         | 104                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.1ng/ml - 40ng/ml                                                       |
| Sensitivity             | 0.05ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| 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 PF-4 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Canine Platelet Factor 4 (also known as PF-4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine PF-4 antibody. PF-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine PF-4 Antibody is added and binds to PF-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PF-4 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 PF-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 292390                                   |
| NCBI GeneID                      | 5197                                     |
| UniProt Accession #              | P10720; A1L4S0                           |
| Molecular Weight                 | 11,553 Da                                |
| NCBI Official Full Name          | platelet factor 4                        |
| NCBI Official Synonym Full Names | platelet factor 4 variant 1              |
| NCBI Official Symbol             | PF4V1                                    |
| NCBI Official Synonym Symbols    | PF4A; CXCL4L1; CXCL4V1; PF4-ALT; SCYB4V1 |
| NCBI Protein Information         | platelet factor 4 variant                |
| UniProt Protein Name             | Platelet factor 4 variant                |
| UniProt Gene Name                | PF4V1                                    |
| UniProt Synonym Gene Names       | CXCL4V1; SCYB4V1                         |

**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/platelet-factor-4-pf-4/43556>