# Canine Prothrombin Fragment 1+2 ELISA Kit | PF1+2 elisa kit

Canine Prothrombin Fragment 1+2 ELISA Kit

| CATALOG # | REACTIVITY |
|---|---|
| **AAA90989** | **Canine** |

## PRODUCT SYNONYMS

Prothrombin Fragment 1+2; Canine Prothrombin Fragment 1+2 ELISA Kit; PF1+2 elisa kit

## PRODUCT SPECIFICATIONS

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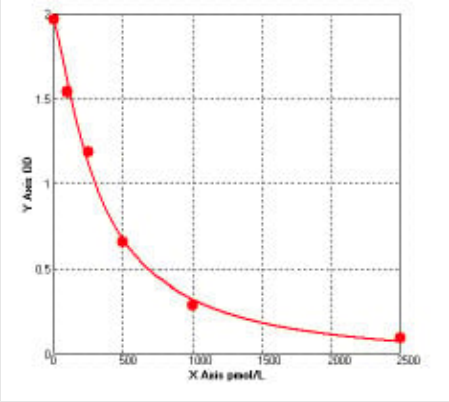
| **Reactivity** | Canine |
| **Specificity** | This assay has high sensitivity and excellent specificity for detection of PF1+2. No significant cross-reactivity or interference between PF1+2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PF1+2 and all the analogues, therefore, cross reaction may still exist in some cases. |
| **Assay Type** | Quantitative Competitive |
| **Samples** | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| **Sensitivity** | 1.0 pmol/L |
| **Preparation and Storage** | Store all reagents at 2-8 degree C. |

## IMAGES




**Standard Curve (Sample)**

## ADDITIONAL INFORMATION

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| **Related Product Information for PF1+2 elisa kit** | Principle of the Assay: PF1+2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PF1+2 antibody and an PF1+2-HRP conjugate. The assay sample and buffer are incubated together with PF1+2-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 PF1+2 concentration since PF1+2 from samples and PF1+2-HRP conjugate compete for the anti-PF1+2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PF1+2 from the sample, fewer sites are left to bind PF1+2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PF1+2 concentration in each sample is interpolated from this standard curve.<br><br>Intended Uses: This PF1+2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine PF1+2. This ELISA kit for research use only, not for therapeutic or test applications! |
| **Product Categories/Family for PF1+2 elisa kit** | Cardiovascular |

**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/pf1-2-canine-elisa-kits/prothrombin-fragment-12/90989