

## Rat F1+2 (Prothrombin Fragment 1+2) ELISA Kit | F1+2 elisa kit

Rat F1+2 (Prothrombin Fragment 1+2) ELISA Kit

CATALOG #  
AAA272251

REACTIVITY  
Rat

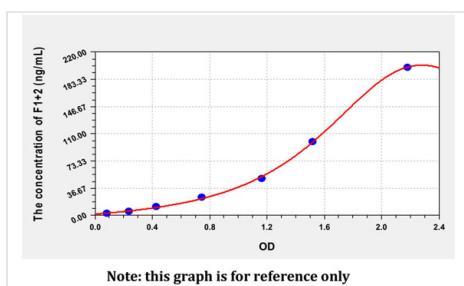
### PRODUCT SYNONYMS

F1+2 (Prothrombin Fragment 1+2); Rat F1+2 (Prothrombin Fragment 1+2) ELISA Kit; F1+2; F1+2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rat F1+2. No significant cross-reactivity or interference between Rat F1+2 and analogues was observed. |
| Assay Type              | Sandwich                                                                                                                                                                          |
| Detection Range         | 3.13-200 ng/mL                                                                                                                                                                    |
| Sensitivity             | 1.35 ng/mL                                                                                                                                                                        |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.            |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.             |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for F1+2 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Prothrombin Fragment 1+2(F1+2). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Prothrombin Fragment 1+2(F1+2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Prothrombin Fragment 1+2(F1+2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of Prothrombin Fragment 1+2(F1+2) in the samples is then determined by comparing the OD of the samples to the standard curve.

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/f12-prothrombin-fragment-12/272251>