

## Human FDP Antibody Pair Set

Catalog No. E-KAB-0544

Applications

ELISA

Synonyms FDP

### Kit components & Storage

| Title                                 | Specifications | Storage                                                   |
|---------------------------------------|----------------|-----------------------------------------------------------|
| Human FDP Capture Antibody            | 1 vial, 100 µg | Store at -20°C for one year.<br>Avoid freeze/thaw cycles. |
| Human FDP Detection Antibody (Biotin) | 1 vial, 50 µL  | Store at -20°C for one year.<br>Avoid freeze/thaw cycles. |

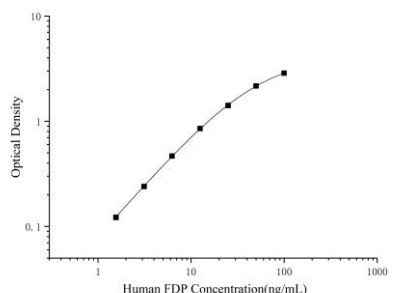
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

| Items                 |               | Characteristic (E-KAB-0544)                      |                                                                         |
|-----------------------|---------------|--------------------------------------------------|-------------------------------------------------------------------------|
|                       |               | Human FDP Capture Antibody                       | Human FDP Detection Antibody (Biotin)                                   |
| Immunogen Information | Immunogen     | Natural Human FDP protien                        | Natural Human FDP protien                                               |
|                       | Swissprot     | /                                                |                                                                         |
| Product details       | Reactivity    | Human                                            | Human                                                                   |
|                       | Host          | Mouse                                            | Mouse                                                                   |
|                       | Conjugation   | Unconjugated                                     | Biotin                                                                  |
|                       | Concentration | 0.5 mg/mL                                        | /                                                                       |
|                       | Buffer        | PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5 | PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5 |
|                       | Purify        | Protein A or G                                   | Protein A or G                                                          |
|                       | Specificity   | Detects Human FDP in ELISAs.                     |                                                                         |

## Applications

Human FDP Sandwich ELISA Assay:

|                 | Recommended Concentration/Dilution | Reagent                               | Images                                                                             |
|-----------------|------------------------------------|---------------------------------------|------------------------------------------------------------------------------------|
| ELISA Capture   | 0.5-4 µg/mL                        | Human FDP Capture Antibody            |  |
| ELISA Detection | 1:1000-1:10000                     | Human FDP Detection Antibody (Biotin) |                                                                                    |

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

FDP is a general term for degradation products produced when fibrin or fibrinogen is broken down by the action of plasmin produced during hyperfibrinolysis. The fibrinolysis system is the most important anticoagulation system of the human body, which is composed of four main components: plasminogen, plasminogen activator, Plasminogen activator, plasminogen activator, plasminogen activator, plasminogen activator, plasminogen activator, plasminogen activator, plasminogen activator. Such as t-PA;u-PA), plasmin, plasmin activator inhibitor (PAI-1;antiplasmin). When fibrin clot is formed, in the presence of tPA, plasminogen is activated and transformed into fibrinolytic enzyme, and the process of fibrinolysis begins. Fibrin clot is degraded by fibrin by fibrin to form various soluble fragments, forming fibrin product (FDP). FDP consists of the following substances: X-oligomer (X-oligomer), D-Dimer (D-dimer), Intermediate fragments (Fragment E).