

## Human Pancreatic carcinoma marker CA242 ELISA Kit | CA242 elisa kit

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|------------------------------|----------------------------|
| CATALOG #<br><b>AAA85581</b> | REACTIVITY<br><b>Human</b> |
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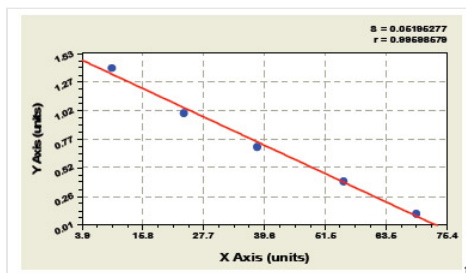
### PRODUCT SYNONYMS

Pancreatic carcinoma marker CA242; Human Pancreatic carcinoma marker CA242 ELISA Kit; CA242 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                               |
| Assay Type              | Competitive                                                                                                                                                                              |
| Detection Range         | 1.0-25 U/mL                                                                                                                                                                              |
| Sensitivity             | 0.1U/mL                                                                                                                                                                                  |
| Intended Uses           | This CA242 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CA242. 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

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|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CA242 elisa kit | <p><b>Principle of the Assay:</b> CA242 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CA242 antibody and an CA242-HRP conjugate. The assay sample and buffer are incubated together with CA242-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 CA242 concentration since CA242 from samples and CA242-HRP conjugate compete for the anti-CA242 antibody binding site. Since the number of sites is limited, as more sites are occupied by CA242 from the sample, fewer sites are left to bind CA242-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CA242 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for CA242 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pancreatic-carcinoma-marker-ca242/85581>