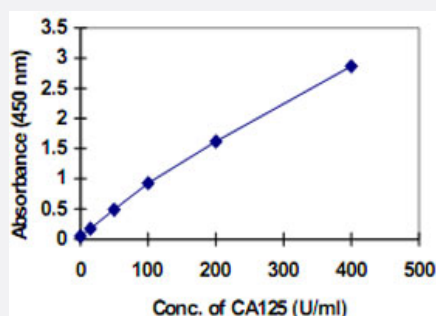


# CA125 (Human) ELISA Kit

Catalog # KA0205

Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | CA125 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of cancer antigen 125.                                                                                  |
| <b>Suitable Sample</b>         | Serum                                                                                                                                                                                             |
| <b>Sample Volume</b>           | 100 uL                                                                                                                                                                                            |
| <b>Label</b>                   | HRP-conjugate                                                                                                                                                                                     |
| <b>Detection Method</b>        | Colorimetric                                                                                                                                                                                      |
| <b>Assay Type</b>              | Quantitative                                                                                                                                                                                      |
| <b>Calibration Range</b>       | 15 to 400 U/mL                                                                                                                                                                                    |
| <b>Limit of Detection</b>      | 5 U/mL                                                                                                                                                                                            |
| <b>Reactivity</b>              | Human                                                                                                                                                                                             |
| <b>Regulation Status</b>       | For research use only (RUO)                                                                                                                                                                       |
| <b>Quality Control Testing</b> | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |

## Storage Instruction

Store the kit at 4°C.

## Applications

- Quantification

## Gene Info — MUC16

|                    |                                       |
|--------------------|---------------------------------------|
| Entrez GeneID      | <a href="#">94025</a>                 |
| Gene Name          | MUC16                                 |
| Gene Alias         | CA125, FLJ14303                       |
| Gene Description   | mucin 16, cell surface associated     |
| Omim ID            | <a href="#">606154</a>                |
| Gene Ontology      | <a href="#">Hyperlink</a>             |
| Gene Summary       | O                                     |
| Other Designations | CA125 ovarian cancer antigen mucin 16 |

## Publication Reference

- [Metastatic Tumor-In-A-Dish, A Novel Multi-Cellular Organoid to Study Lung Colonization and Predict Therapeutic Response.](#)

Ramamoorthy P, Thomas SM, Kaushik G, Subramaniam D, Chastain KM, Dhar A, Tawfik O, Kasi A, Sun W, Ramalingam S, Gunewardena S, Umar S, Mammen JMV, Padhye SB, Weir SJ, Jensen RA, Sittampalam GS, Anant S.

Cancer Research 2019 Apr; 79(7):1681.

Application: Quant, Human, Human primary ovarian cancer cells, Human serum

- [Predictive value of serum HE4 and CA125 concentrations in endometrial carcinoma.](#)

Saarelainen SK, Peltonen N, Lehtimäki T, Perheentupa A, Vuento MH, Maenpää JU.

International Journal of Gynaecology and Obstetrics 2017 Jan; 136(1):58.

Application: Quant, Human, Human serum

- [Proteomic profiling of a mouse model for ovarian granulosa cell tumor identifies VCP as a highly sensitive serum tumor marker in several human cancers.](#)

Laguë MN, Romieu-Mourez R, Bonneil É, Boyer A, Pouletty N, Mes-Masson AM, Thibault P, Nadeau MÈ, Boerboom D.

PLoS One 2012 Aug; 7(8):e42470.

Application: Quant, Human, Serum from patients with ovarian cancer

## Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)