

## Human CXCL2 ELISA Kit

**Cat. No.** CKERS-CXCL2-019H    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                      |                                                                                                                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>       | Human                                                                                                                                                                                                                                                               |
| <b>Source</b>        | Human Pleural Fluid                                                                                                                                                                                                                                                 |
| <b>Description</b>   | CA-125, also known as CA125, is an abbreviation for cancer antigen 125. CA-125 is a tumor marker or biomarker that may be elevated in the blood of some people with specific types of cancers. CA-125 is a mucinous glycoprotein and the product of the MUC16 gene. |
| <b>Format</b>        | Calibrator grade, Liquid                                                                                                                                                                                                                                            |
| <b>Purification</b>  | Gel filtration and column chromatography.                                                                                                                                                                                                                           |
| <b>Concentration</b> | 125KU/ml, (Roche ECLIA)                                                                                                                                                                                                                                             |
| <b>Buffer</b>        | 20Mm PBS, pH 7.4±0.02, Tris-HCl.                                                                                                                                                                                                                                    |
| <b>Preservative</b>  | 0.1% Sodium Azide                                                                                                                                                                                                                                                   |
| <b>Applications</b>  | Specific methodologies have not been tested using this product.                                                                                                                                                                                                     |
| <b>Storage</b>       | Short-term store at 2-8°C. Long term store at -20°C.                                                                                                                                                                                                                |

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### Warnings

All cultures have tested negative for HBsAg, HCV, HIV-1 and HIV-2. No test guarantees a product to be non-infectious. Therefore, all material should be considered as potentially infectious. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

## GENE INFORMATION

|                     |                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name           | MUC16                                                                                                                                                                                                                  |
| Synonyms            | mucin 16, cell surface associated; CA125; FLJ14303; MUC16_HUMAN; CA-125; MUC-16; CA125 ovarian cancer antigen; Ovarian cancer-related tumor marker CA125; Ovarian carcinoma antigen CA125; mucin 16; Mucin-16; CA-125. |
| Gene ID             | 94025                                                                                                                                                                                                                  |
| mRNA Refseq         | NM_024690                                                                                                                                                                                                              |
| Protein Refseq      | NP_078966                                                                                                                                                                                                              |
| MIM                 | 606154                                                                                                                                                                                                                 |
| UniProt ID          | Q8WXI7                                                                                                                                                                                                                 |
| Chromosome Location | 19p13.2                                                                                                                                                                                                                |
| Function            | protein binding; hydrogen ion transmembrane transporter activity                                                                                                                                                       |

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