

## Mouse Clara cell protein, CC16 ELISA Kit | CC16 elisa kit

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CATALOG #  
**AAA15616**

REACTIVITY  
**Mouse**

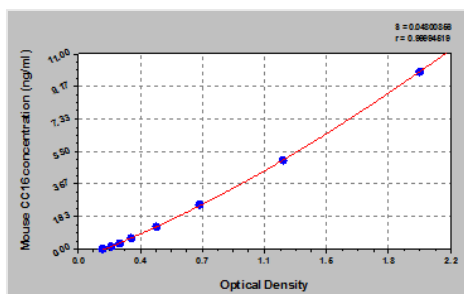
### PRODUCT SYNONYMS

Clara cell protein; CC16; Mouse Clara cell protein; CC16 ELISA Kit; CC10; CCSP; UGB; Uteroglobin (Clara-cell specific 10-kD protein) SCGB1A1) ; CC16 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse CC16. No significant cross-reactivity or interference between mouse CC16 and analogues was observed. |
| Sequence Length         | 96                                                                                                                                                                                    |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                     |
| Detection Range         | 0. 156 ng/ml -10 ng/mL                                                                                                                                                                |
| Sensitivity             | <0.039 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.                                      |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                               |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CC16 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CC16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CC16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CC16 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CC16 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6755947                                                                                                                                                                                                                        |
| NCBI GeneID                      | 22287                                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_035811.1                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_011681.2                                                                                                                                                                                                                    |
| UniProt Accession #              | Q06318                                                                                                                                                                                                                         |
| Molecular Weight                 | 10,519 Da                                                                                                                                                                                                                      |
| NCBI Official Full Name          | uteroglobin                                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | secretoglobin, family 1A, member 1 (uteroglobin)                                                                                                                                                                               |
| NCBI Official Symbol             | Scgb1a1                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | UG; UGB; Utg; CC10; CC16; CCSP; PCB-BP                                                                                                                                                                                         |
| NCBI Protein Information         | uteroglobin; CCPBP; Blastokinin; PCB-binding protein; clara cell 17 kDa protein; clara cell secretory protein; secretoglobin family 1A member 1; clara cells 10 kDa secretory protein; clara cell phospholipid-binding protein |
| UniProt Protein Name             | Uteroglobin                                                                                                                                                                                                                    |
| UniProt Gene Name                | Scgb1a1                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | Cc10; Ugb; Utg; CCPBP; CC10                                                                                                                                                                                                    |
| UniProt Entry Name               | UTER_MOUSE                                                                                                                                                                                                                     |

**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/mouse-elisa-kits/clara-cell-protein-cc16/15616>