

## Human Uteroglobin (SCGB1A1) ELISA Kit | UGB elisa kit

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CATALOG #  
**AAA330948**

REACTIVITY  
**Human**

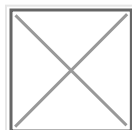
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human Uteroglobin (SCGB1A1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SCGB1A1. No significant cross-reactivity or interference between Human SCGB1A1 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence Length         | 91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

Fig.1. Human Uteroglobin (SCGB1A1) Standard Curve.

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UGB elisa kit | <p>Description: This Human Uteroglobin (SCGB1A1) ELISA Kit employs a two-site sandwich ELISA to quantitate SCGB1A1 in samples. An antibody specific for SCGB1A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCGB1A1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCGB1A1 is added to the wells. After washing, Streptavidin 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 SCGB1A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: Clara Cell Protein 16 concentrations have been determined in both serum and bronchoalveolar lavage fluid in numerous studies since 1994. In serum, its increase is associated with age, asbestos, nitrogen chloride and ozone exposure, sarcoidosis and high PEEP ventilation. Decreased serum CC16 levels are found after pulmonary resection, in silica-exposed workers, smokers and in asthma. Decreased CC16 concentrations were also found in the amniotic fluid of fetuses suffering from pulmonary hypoplasia caused by various mechanisms (diaphragmatic hernia, diabetic fetopathy, Turner and Down syndrome). In pleural effusions, the CC16 concentration appears to be associated with its diffusion from the lung as evidenced by high CC16 levels in cardiac pleural congestion.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 112672                                                   |
| NCBI GeneID                      | 7356                                                     |
| UniProt Accession #              | P11684                                                   |
| NCBI Official Full Name          | Uteroglobin                                              |
| NCBI Official Synonym Full Names | secretoglobin family 1A member 1                         |
| NCBI Official Symbol             | SCGB1A1                                                  |
| NCBI Official Synonym Symbols    | UGB; UP1; CC10; CC16; CCSP; UP-1; CCPBP                  |
| NCBI Protein Information         | uteroglobin                                              |
| UniProt Protein Name             | Uteroglobin                                              |
| UniProt Gene Name                | SCGB1A1                                                  |
| UniProt Synonym Gene Names       | CC10; CCSP; UGB; CCPBP; CC10; UP-1; UP1; Urine protein 1 |
| UniProt Entry Name               | UTER_HUMAN                                               |

**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.

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Online datasheet: <https://stage.aaabiotech.com/ugb-human-elisa-kits/uteroglobin-scgb1a1/330948>