

## ARG82097 Rat Uteroglobulin ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

| Cat. No.     | Component Name                        | Package              | Temp  |
|--------------|---------------------------------------|----------------------|---|
| ARG82097-001 | Antibody-coated microplate            | 8 X 12 strips        | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG82097-002 | Standard                              | 2 X 10 ng/vial       | 4°C   |
| ARG82097-003 | Standard/Sample diluent               | 30 ml (Ready to use) | 4°C   |
| ARG82097-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl)      | 4°C   |
| ARG82097-005 | Antibody diluent buffer               | 12 ml (Ready to use) | 4°C   |
| ARG82097-006 | HRP-Streptavidin concentrate (100X)   | 1 vial (100 µl)      | 4°C   |
| ARG82097-007 | HRP-Streptavidin diluent buffer       | 12 ml (Ready to use) | 4°C   |
| ARG82097-008 | 25X Wash buffer                       | 20 ml                | 4°C   |
| ARG82097-009 | TMB substrate                         | 10 ml (Ready to use) | 4°C (Protect from light)  |
| ARG82097-010 | STOP solution                         | 10 ml (Ready to use) | 4°C   |
| ARG82097-011 | Plate sealer                          | 4 strips             | Room temperature  |

### Summary

|                     |  |
|---------------------|--|
| Product Description | ARG82097 Rat Uteroglobulin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat Uteroglobulin in serum, plasma (heparin, EDTA), urine and cell culture supernatants. |
| Tested Reactivity   | Rat  |
| Tested Application  | ELISA  |
| Specificity         | There is no detectable cross-reactivity with other relevant proteins.  |
| Target Name         | Uteroglobulin  |
| Conjugation         | HRP  |
| Conjugation Note    | Substrate: TMB and read at 450 nm.   |
| Sensitivity         | 78 pg/ml   |
| Sample Type         | Serum, plasma (heparin, EDTA), urine and cell culture supernatants.  |
| Standard Range      | 156 - 10000 pg/ml  |
| Sample Volume       | 100 µl   |

|                 |   |
|-----------------|---|
| Precision       | Intra-Assay CV: 6.1%; Inter-Assay CV: 6.9%  |
| Alternate Names | Secretoglobin family 1A member 1; Urine protein 1; Urinary protein 1; Clara cell phospholipid-binding protein; UGB; CCPBP; CCSP; UP-1; CC10; Clara cells 10 kDa secretory protein; UP1; Uteroglobin; CC16 |

## Application Instructions

|            |           |
|------------|-----------|
| Assay Time | ~ 5 hours |
|------------|-----------|

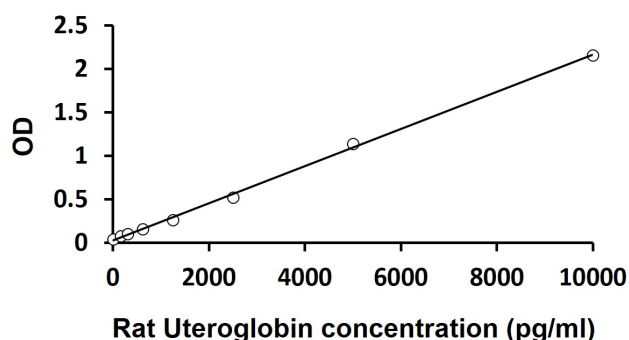
## Properties

|                     |  |
|---------------------|--|
| Form                | 96 well  |
| Storage instruction | Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

## Bioinformation

|                       |   |
|-----------------------|---|
| Gene Symbol           | SCGB1A1   |
| Gene Full Name        | secretoglobin, family 1A, member 1 (uteroglobin)  |
| Background            | This gene encodes a member of the secretoglobin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and the sequestering of hydrophobic ligands. Defects in this gene are associated with a susceptibility to asthma. [provided by RefSeq, May 2010] |
| Function              | Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2. [UniProt]   |
| Highlight             | Related products:<br><a href="#">Uteroglobin antibodies</a> ; <a href="#">Uteroglobin ELISA Kits</a> ;<br>New ELISA data calculation tool:<br><a href="#">Simplify the ELISA analysis by GainData</a>   |
| Cellular Localization | Secreted. [UniProt]   |

## Images



ARG82097 Rat Uteroglobin ELISA Kit standard curve image

ARG82097 Rat Uteroglobin ELISA Kit results of a typical standard run with optical density reading at 450 nm.