

Product datasheet

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ARG82097 Rat Uteroglobin 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 Uteroglobin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat

Uteroglobin 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 Uteroglobin

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 $100 \ \mu l$

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]

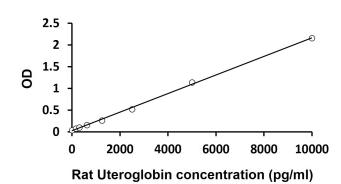
Highlight Related products:

<u>Uteroglobin antibodies;</u> <u>Uteroglobin ELISA Kits;</u>

New ELISA data calculation tool: Simplify the ELISA analysis by GainData

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.