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## Datasheet for ABIN5692211 **SCGB1A1 ELISA Kit**

### Overview

Quantity:	96 tests
Target:	SCGB1A1
Binding Specificity:	AA 20-96
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

### Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of rat SCGB1A1. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: E.coli, Immunogen sequence: S20-V96
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

## Product Details

biotinylated antibody (dilution 1:100)  
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)  
Sample diluent buffer  
Antibody diluent buffer  
ABC diluent buffer  
TMB color developing agent  
TMB stop solution  
Adhesive cover

## Target Details

Target:	SCGB1A1
Alternative Name:	Scgb1a1 ( <a href="#">SCGB1A1 Products</a> )
Background:	<p>Synonyms: Uteroglobin, Clara cell phospholipid-binding protein, CCPBP, Clara cells 10 kDa secretory protein, CC10, PCB-binding protein, Secretoglobin family 1A member 1, Scgb1a1, Cc10, Ugb, Utg</p> <p>Tissue Specificity: Clara cells (nonciliated cells of the surface epithelium of the pulmonary airways).</p> <p>Background: SCGB1A1 (secretoglobin family 1A member 1) also known as Uteroglobin is a protein that in humans is encoded by the SCGB1A1 gene. SCGB1A1 is the founding member of the secretoglobin family of small, secreted, disulfide-bridged dimeric proteins found only in mammals. This protein is specifically expressed in Clara cells in the lungs. Numerous studies demonstrated that UG is a multifunctional protein with antiinflammatory/ immunomodulatory properties. It inhibits soluble phospholipase A (2) activity and binds and perhaps sequesters hydrophobic ligands such as progesterone, retinols, polychlorinated biphenyls, phospholipids, and prostaglandins. In addition to its antiinflammatory activities, UG manifests antichemotactic, antiallergic, antitumorigenic, and embryonic growth-stimulatory activities.</p> <p>Cellular Localisation: Secreted.</p>
UniProt:	<a href="#">P17559</a>

## Application Details

Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months