

Mouse Clara Cell Protein 16 (CC16) ELISA Kit | CC16 elisa kit

Mouse Clara Cell Protein 16 (CC16) Mini Samples ELISA Kit

CATALOG #
AAA147367

REACTIVITY
Mouse

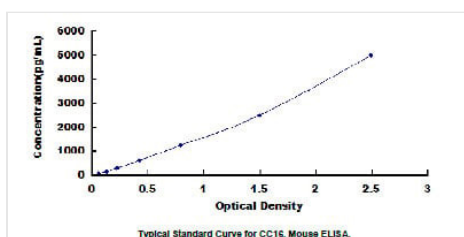
PRODUCT SYNONYMS

Clara Cell Protein 16 (CC16); Mouse Clara Cell Protein 16 (CC16) Mini Samples ELISA Kit; SCGB1A1; CC10; CCSP; UGB; Uteroglobulin; Urinary Protein 1; Clara Cell Secretory Protein; Secretoglobulin Family 1A Member 1; Clara-Cell Specific 10-kD Protein; CC16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CC16. No significant cross-reactivity or interference between CC16 and analogues was observed.
Sequence Length	96
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Lung Lavage Fluid, Cell culture supernates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	30pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CC16 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CC16 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CC16 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CC16 in mouse serum, plasma, lung lavage fluid, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CC16. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CC16. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CC16, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CC16 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CC16 elisa kit	Infection immunity; Cardiovascular biology; Pulmonology

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
UniProt Protein Name	Uteroglobin
UniProt Gene Name	Scgb1a1
UniProt Synonym Gene Names	Cc10; Ugb; Utg; CCPBP; CC10

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.