

Human secretory component, SC ELISA Kit | SC elisa kit

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CATALOG #
AAA79819

REACTIVITY
Human

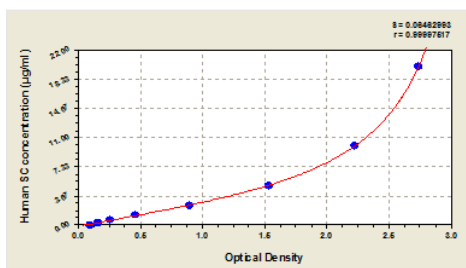
PRODUCT SYNONYMS

secretory component; SC; Human secretory component; SC ELISA Kit; SC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SC. No significant cross-reactivity or interference between Human SC and analogues was observed.
Sequence Length	437
Samples	Serum, plasma, urine, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 g/ml-20 g/ml
Sensitivity	0.078 g/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SC elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SC is added to the wells. After washing, avidin 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 SC bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	862997
UniProt Accession #	P49977
Molecular Weight	47,312 Da
NCBI Official Full Name	secretory component
UniProt Protein Name	Protein translocase subunit SecY
UniProt Gene Name	secY
UniProt Entry Name	SECY_STRLI

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/secretory-component-sc/79819>