

Human Solute Carrier Family 22 Member 12 (SLC22A12) ELISA Kit | SLC22A12 elisa kit

Human Solute Carrier Family 22 Member 12 (SLC22A12) ELISA Kit

CATALOG #
AAA330824

REACTIVITY
Human

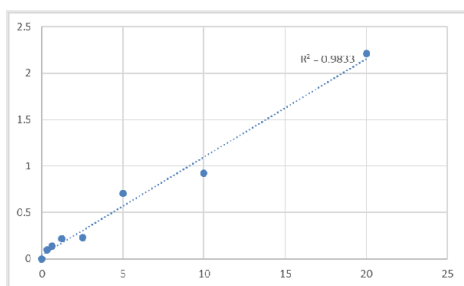
PRODUCT SYNONYMS

Solute Carrier Family 22 Member 12 (SLC22A12); Human Solute Carrier Family 22 Member 12 (SLC22A12) ELISA Kit; SLC22A12; OAT4L; RST; URAT1; organic anion transporter 4-like; solute carrier family 22 (organic anion/cation transporter); member 12; solute carrier family 22 member 12; urate anion exchanger 1; urate transporte; SLC22A12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Solute carrier family 22 member 12 (SLC22A12) ELISA Kit has high sensitivity and excellent specificity for detection of Human SLC22A12. No significant cross-reactivity or interference between Human SLC22A12 and analogues was observed.
Sequence Length	553
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Solute carrier family 22 member 12 (SLC22A12) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SLC22A12 elisa kit	Description: This Human Solute carrier family 22 member 12 (SLC22A12) ELISA Kit employs a two-site sandwich ELISA to quantitate SLC22A12 in samples. An antibody specific for SLC22A12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC22A12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLC22A12 is added to the wells. After washing, Streptavidin 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 SLC22A12 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SLC22A12 is a urate transporter and urate-anion exchanger which regulates the level of urate in the blood. This protein is an integral membrane protein primarily found in kidney. Two transcript variants encoding different isoforms have been found for this gene. Detected in kidney (at protein level). Detected in fetal and adult kidney. Detected in epithelial cells of proximal tubules in renal cortex. Numerous single nucleotide polymorphisms of this gene are significantly associated with altered (increased or decreased) reabsorption of uric acid by the kidneys. Respectively, these altered rates of reabsorption contribute to hyperuricemia and hypouricemia.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	74732700
NCBI GeneID	116085
UniProt Accession #	Q96S37
NCBI Official Full Name	Solute carrier family 22 member 12
NCBI Official Synonym Full Names	solute carrier family 22 member 12
NCBI Official Symbol	SLC22A12
NCBI Official Synonym Symbols	RST; OAT4L; URAT1
NCBI Protein Information	solute carrier family 22 member 12
UniProt Protein Name	Solute carrier family 22 member 12
UniProt Gene Name	SLC22A12
UniProt Synonym Gene Names	OATL4; URAT1; RST
UniProt Entry Name	S22AC_HUMAN

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/solute-carrier-family-22-member-12-slc22a12/330824>