

Human Solute Carrier Family 26, Member 7 ELISA Kit | SLC26A7 elisa kit

Human Solute Carrier Family 26, Member 7 (SLC26A7) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190000

REACTIVITY
Human

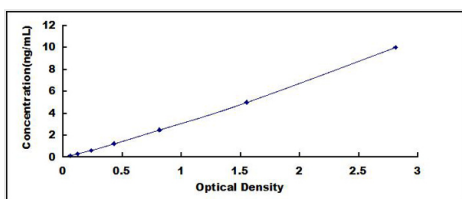
PRODUCT SYNONYMS

Solute Carrier Family 26; Member 7; Human Solute Carrier Family 26; Member 7 (SLC26A7) (Sandwich ELISA) ELISA Kit; SUT2; Anion Exchange Transporter; ELISA Kit for Solute Carrier Family 26; Member 7 (SLC26A7); SLC26A7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Solute Carrier Family 26, Member 7 (SLC26A7). No significant cross-reactivity or interference between Solute Carrier Family 26, Member 7 (SLC26A7) and analogues was observed. Reactive with Human SLC26A7 / Solute Carrier Family 26, Member 7
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Detection Method	Colormetric
Assay Precision	Intra-Assay: CV<10%, Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

Typical Standard Curve for SLC26A7 ELISA (Sandwich)

ADDITIONAL INFORMATION

Related Product Information for SLC26A7 elisa kit

Principle of the Assay||The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Solute Carrier Family 26, Member 7 (SLC26A7). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Solute Carrier Family 26, Member 7 (SLC26A7). 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 Solute Carrier Family 26, Member 7 (SLC26A7), 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 Solute Carrier Family 26, Member 7 (SLC26A7) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	537544571
NCBI GeneID	115111
NCBI Accession #	NP_001269285.1
NCBI GenBank Nucleotide #	NM_001282356.1
UniProt Accession #	Q8TE54; Q24JS8; Q8TE53; Q96RN2
Molecular Weight	72,213 Da
NCBI Official Full Name	anion exchange transporter isoform a
NCBI Official Synonym Full Names	solute carrier family 26 (anion exchanger), member 7
NCBI Official Symbol	SLC26A7
NCBI Official Synonym Symbols	SUT2
NCBI Protein Information	anion exchange transporter; sulfate anion transporter; solute carrier family 26, member 7
UniProt Protein Name	Anion exchange transporter
UniProt Gene Name	SLC26A7
UniProt Synonym Gene Names	SUT2
UniProt Entry Name	S26A7_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/slc26a7-human-elisa-kits/solute-carrier-family-26-member-7/190000>