

Human Anion exchange transporter (SLC26A7) ELISA Kit | SLC26A7 elisa kit

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CATALOG #
AAA246009

REACTIVITY
Human

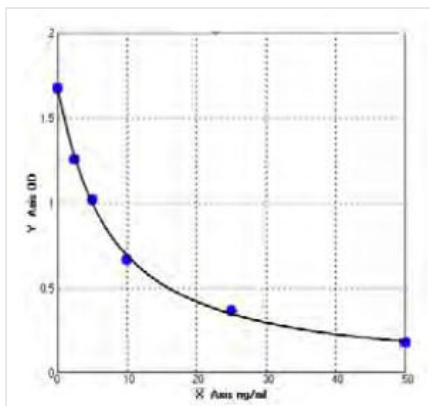
PRODUCT SYNONYMS

Anion exchange transporter (SLC26A7); Human Anion exchange transporter (SLC26A7) ELISA Kit; SLC26A7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SLC26A7. No significant cross-reactivity or interference between SLC26A7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SLC26A7 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC26A7 elisa kit	Principle of the Assay: SLC26A7 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-SLC26A7 antibody and an SLC26A7-HRP conjugate. The assay sample and buffer are incubated together with SLC26A7-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SLC26A7 concentration since SLC26A7 from samples and SLC26A7-HRP conjugate compete for the anti-SLC26A7 antibody binding site. Since the number of sites is limited, as more sites are occupied by SLC26A7 from the sample, fewer sites are left to bind SLC26A7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLC26A7 concentration in each sample is interpolated from this standard curve. Intended Uses: This SLC26A7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SLC26A7. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for SLC26A7 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	537544571
NCBI GeneID	115111
NCBI Accession #	NP_001269285.1
NCBI GenBank Nucleotide #	NM_001282356.1
Molecular Weight	73,033 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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/anion-exchange-transporter-slc26a7/246009>