

Human Electrogenic Sodium Bicarbonate Cotransporter 4 (NBC4) RTU ELISA Kit | NBC4 rtu elisa kit

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CATALOG #
AAA217305

REACTIVITY
Human

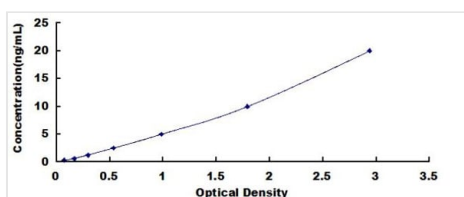
PRODUCT SYNONYMS

Electrogenic Sodium Bicarbonate Cotransporter 4 (NBC4); Human Electrogenic Sodium Bicarbonate Cotransporter 4 (NBC4) ELISA Kit; SLC4A5; NBCe2; Solute Carrier Family 4 Member 5; Sodium Bicarbonate Cotransporter; NBC4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1137
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.119ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NBC4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NBC4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NBC4. 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 NBC4, 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 $\pm$ 10nm. The concentration of NBC4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	125987596
NCBI GeneID	57835
NCBI Accession #	NP_067019.3
NCBI GenBank Nucleotide #	NM_021196.3
UniProt Accession #	Q9BY07; Q32MA7; Q59EQ9; Q8WXD3; Q8WXD7; Q96DS7; Q96DS8; Q9HBU5
Molecular Weight	118,125 Da
NCBI Official Full Name	electrogenic sodium bicarbonate cotransporter 4 isoform a
NCBI Official Synonym Full Names	solute carrier family 4 member 5
NCBI Official Symbol	SLC4A5
NCBI Official Synonym Symbols	NBC4; NBCe2
NCBI Protein Information	electrogenic sodium bicarbonate cotransporter 4
UniProt Protein Name	Electrogenic sodium bicarbonate cotransporter 4
UniProt Gene Name	SLC4A5

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-rtu-elisa-kits/electrogenic-sodium-bicarbonate-cotransporter-4-nbc4/217305>