

Human Sodium/Hydrogen Exchanger 3 (NHE3) RTU ELISA Kit | NHE3 rtu elisa kit

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CATALOG #
AAA219439

REACTIVITY
Human

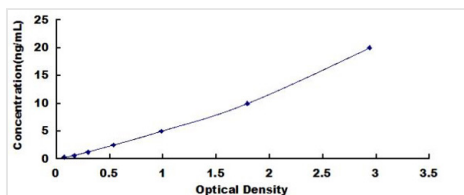
PRODUCT SYNONYMS

Sodium/Hydrogen Exchanger 3 (NHE3); Human Sodium/Hydrogen Exchanger 3 (NHE3) ELISA Kit; SLC9A3; Solute Carrier Family 9 Member 3; Sodium-hydrogen antiporter 3; Na(+)/H(+) exchanger 3; NHE3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	825
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.093ng/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 NHE3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NHE3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NHE3. 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 NHE3, 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 NHE3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	547235625
NCBI GeneID	6550
NCBI Accession #	NP_001271280.1
NCBI GenBank Nucleotide #	NM_001284351.2
UniProt Accession #	P48764; Q3MIW3; B7ZKR2; E9PF67
Molecular Weight	91,904 Da
NCBI Official Full Name	sodium/hydrogen exchanger 3 isoform 2
NCBI Official Synonym Full Names	solute carrier family 9 member A3
NCBI Official Symbol	SLC9A3
NCBI Official Synonym Symbols	NHE3; DIAR8; NHE-3
NCBI Protein Information	sodium/hydrogen exchanger 3
UniProt Protein Name	Sodium/hydrogen exchanger 3
UniProt Gene Name	SLC9A3
UniProt Synonym Gene Names	NHE-3

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/sodium-hydrogen-exchanger-3-nhe3/219439>