SCN1A (Human) Cell-Based ELISA Kit

Catalog # KA5664 Size 1 Kit

Specification

Product Description	SCN1A (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of Sodium Channel-pan expression in cultured cells.
Suitable Sample	Attached cell, loosely attached cell and suspension cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store at 4°C for six months.

Applications

- Qualitative

Gene Info — SCN1A

Entrez GeneID	6323
Protein Accession#	P35498
Gene Name	SCN1A
Gene Alias	FEB3, GEFSP2, HBSCI, NAC1, Nav1.1, SCN1, SMEI
Gene Description	sodium channel, voltage-gated, type I, alpha subunit

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Omim ID	182389 604233 604403 607208 609634
Gene Ontology	Hyperlink
Gene Summary	The vertebrate sodium channel is a voltage-gated ion channel essential for the generation and pro pagation of action potentials, mainly in nerve and muscle. Voltage-sensitive sodium channels are heteromeric complexes consisting of a large central pore-forming glycosylated alpha subunit, and two smaller auxiliary beta subunits. This gene encodes the large alpha subunit, and mutations in th is gene have been associated with several epilepsy, convulsion and migraine disorders
Other Designations	febrile convulsions 3|sodium channel protein, brain I alpha subunit|sodium channel, voltage-gated, type I, alpha|sodium channel, voltage-gated, type I, alpha polypeptide

Disease

- Epilepsies
- Epilepsy
- Fever
- Genetic Predisposition to Disease
- Mental Retardation
- Myoclonic Epilepsy
- Neurodegenerative Diseases
- Seizures
- Syndrome
- Wechsler Scales

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