NOS1 (Human) Cell-Based ELISA Kit

Catalog # KA3265 Size 1 Kit

Specification

Product Description	NOS1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of NOS1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — NOS1

Entrez GeneID	4842
Gene Name	NOS1
Gene Alias	IHPS1, NOS, nNOS
Gene Description	nitric oxide synthase 1 (neuronal)
Omim ID	163731 179010

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Gene Ontology	Hyperlink
Gene Summary	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. This gene encodes a nitric oxide synthase which is highly expressed in skeletal muscle. Genetic variations in this gene are associated with infantile hypertrophic pyloric stenosis type 1
Other Designations	neuronal nitric oxide synthase

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Arginine and proline metabolism
- Calcium signaling pathway
- Long-term depression
- Metabolic pathways
- Pathways in cancer
- Small cell lung cancer

Disease

- Acute Disease
- Alcoholism
- alpha 1-Antitrypsin Deficiency
- Alpha-1-antitrypsin deficiency
- Alzheimer disease
- Anemia
- Asthma
- Attention
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder

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- beta-Thalassemia
- Bipolar Disorder
- Birth Weight
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiolitis
- Cardiovascular Diseases
- Chest Pain
- Chronic Disease
- Cluster Headache
- Cognition
- Cognition Disorders
- Colitis
- Constipation
- Coronary Disease
- Cystic fibrosis
- Depressive Disorder
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Neuropathies
- Dyskinesia
- Edema
- Esophageal Achalasia

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- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- HIV Infections
- Hypersensitivity
- Hypertension
- Infant
- Leukemia
- Lung Neoplasms
- Lymphoma
- Malignant melanoma
- Melanoma
- Memory
- Meningeal Neoplasms
- Meningioma
- Mental Disorders
- Migraine Disorders
- Multiple Sclerosis
- Nephrosis
- Neuropsychological Tests
- Occupational Diseases
- Parkinson disease
- Personality Disorders
- Postmortem Changes
- Pseudomonas Infections
- Psychometrics

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- Psychomotor Performance
- Pulmonary Disease
- Pyloric Stenosis
- Respiratory Hypersensitivity
- Respiratory Syncytial Virus Infections
- Restless Legs Syndrome
- Schizophrenia
- Schizophrenic Psychology
- Skin Neoplasms
- Spinal Dysraphism
- Syndrome
- Thalassemia
- Tobacco Use Disorder

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