PSEN1 (Human) Cell-Based ELISA Kit

Catalog # KA3458 Size 1 Kit

Specification

Product Description	PSEN1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of PSEN1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — PSEN1

Entrez GeneID	5663
Gene Name	PSEN1
Gene Alias	AD3, FAD, PS1, S182
Gene Description	presenilin 1
Omim ID	104311 172700 600274 607822

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Gene Ontology	Hyperlink
Gene Summary	Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the pre senilin proteins (PSEN1; PSEN2) or in the amyloid precursor protein (APP). These disease-linke d mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). Presenilins are postulated to regulate APP processing thro ugh their effects on gamma-secretase, an enzyme that cleaves APP. Also, it is thought that the pr esenilins are involved in the cleavage of the Notch receptor, such that they either directly regulate gamma-secretase activity or themselves are protease enzymes. Several alternatively spliced tran script variants encoding different isoforms have been identified for this gene, the full-length nature of only some have been determined. [provided by RefSeq
Other Designations	-

Pathway

- Neurotrophin signaling pathway
- Notch signaling pathway
- Wnt signaling pathway

Disease

- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anomia
- Cardiovascular Diseases
- Chromosome Disorders
- Cognition
- Cognition Disorders
- Dementia
- Depressive Disorder
- Diabetes Complications
- Disease Progression
- Down Syndrome

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- Genetic Predisposition to Disease
- Headache
- Lewy Body Disease
- Macular Degeneration
- Memory Disorders
- Mental Status Schedule
- Metabolic Syndrome X
- Narcolepsy
- Neoplasms
- Neurodegenerative Diseases
- Neuropsychological Tests
- Osteoporosis
- Parkinson disease
- Psychiatric Status Rating Scales
- Recurrence
- Schizophrenia
- Tobacco Use Disorder
- Tourette Syndrome

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