SYT1/SYT2 (Human) Cell-Based ELISA Kit

Catalog # KA5667 Size 1 Kit

Specification

Product Description	SYT1/SYT2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of Synaptotagmin 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 — SYT1

Entrez GeneID	6857
Protein Accession#	P21579; Q8N9I0
Gene Name	SYT1
Gene Alias	DKFZp781D2042, P65, SVP65, SYT
Gene Description	synaptotagmin I

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Omim ID	185605
Gene Ontology	Hyperlink
Gene Summary	The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin I participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).[supplied by OMIM
Other Designations	OTTHUMP00000166064|synaptotagmin 1

Gene Info — SYT2

Entrez GeneID	127833
Protein Accession#	P21579; Q8N9I0
Gene Name	SYT2
Gene Alias	SytII
Gene Description	synaptotagmin II
Omim ID	600104
Gene Ontology	Hyperlink
Gene Summary	Synaptotagmins, like SYT2, are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis (Hilbush and Morgan, 1994 [PubMed 8058779]).[supplied by OMIM
Other Designations	OTTHUMP00000038803|OTTHUMP00000038804|synaptotagmin 2

Disease

- Attention Deficit Disorder with Hyperactivity
- Epilepsy
- Genetic Predisposition to Disease
- Mental Retardation
- Tobacco Use Disorder

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