

ARG82219 Catalase Activity Assay Kit (Fluorometric)

Package: 500 assay
Store at: 4°C, -20°C

Summary

Product Description	ARG82219 Catalase Activity Assay Kit (Fluorometric) can be used to measure Catalase activity in serum, plasma, urine, cell culture supernatants, cell lysates and tissue lysate.
Tested Reactivity	All
Tested Application	FuncSt
Target Name	Catalase
Conjugation Note	λ ex/em = 530-570 / 590-600 nm (fluorometric)
Sensitivity	30 mU/ml
Sample Type	Serum, plasma, urine, cell culture supernatants, cell lysates and tissue lysate.
Standard Range	31.3 - 4000 mU/ml
Sample Volume	25 μ l
Alternate Names	SPG30; Axonal transporter of synaptic vesicles; hUnc-104; Kinesin-like protein KIF1A; Unc-104- and KIF1A-related protein; UNC104; MRD9; C2orf20; ATSV; Microtubule-based motor KIF1A; HSN2C

Application Instructions

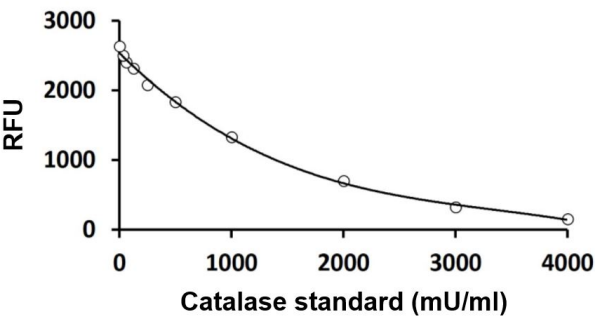
Application Note	Please note that this kit does not include a microplate.
Assay Time	1 hour

Properties

Form	Liquid
Storage instruction	Store components at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	KIF1A
Gene Full Name	kinesin family member 1A
Background	The protein encoded by this gene is a member of the kinesin family and functions as an anterograde motor protein that transports membranous organelles along axonal microtubules. Mutations at this locus have been associated with spastic paraplegia-30 and hereditary sensory neuropathy IIC. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Apr 2012]
Function	Motor for anterograde axonal transport of synaptic vesicle precursors. [UniProt]
Cellular Localization	Cytoplasm, cytoskeleton. Note=Expressed in distal regions of neurites. [UniProt]



ARG82219 Catalase Activity Assay Kit (Fluorometric) standard curve image

ARG82219 Catalase Activity Assay Kit (Fluorometric) results of a typical standard.