

Ion Channel Assay List

Please visit our website www.novascreen.com for new assay updates or contact us at (800) 543-4141 or (410) 712-4410 / email at CaliperDAS@CaliperLS.com.

Voltage-Gated Ion Channels			
CAT#	Assay Type	Assay	
100-0333	binding	Calcium, Type L ($\alpha 2\delta$ Subunit)	
100-0113	binding	Calcium, Type L (Benzothiazepine Site)	
100-0013	binding	Calcium, Type L (Dihydropyridine Site)	
100-0014	binding	Calcium, Type N	
100-0052	binding	Potassium, ATP Sensitive (KATP)	
100-0054	binding	Potassium, Ca^{2+} Activated, VI	
100-0330	binding	Potassium, I_{Kr} , hERG (h)	
300-0399	cellular	Potassium, I_{Kr} , hERG, $[Rb^+]$ (h)	
100-0069	binding	Sodium, Site 2	

Ligand-Gated Ion Channels			
CAT#	Assay Type	Assay	
100-0023	binding	GABA-A, Chloride, TBOB Site	
100-0329	binding	GABA, Non-selective	
100-0021	binding	GABA-A, Agonist Site	
100-0022	binding	GABA-A, Benzodiazepine, Alpha-1 Site	
100-0128	binding	GABA-A, Benzodiazepine, Alpha-5 Site	
100-0129	binding	GABA-A, Benzodiazepine, Alpha-6 Site	
100-0026	binding	Glutamate, AMPA Site	
100-0131	binding	Glutamate, Chloride Dependent Site	
100-0027	binding	Glutamate, Kainate Site	
100-0029	binding	Glutamate, NMDA, Agonist Site	
100-0032	binding	Glutamate, NMDA, Glycine [Strychnine-insensitive] site	
100-0028	binding	Glutamate, NMDA, MK801 Site	
100-0031	binding	Glutamate, NMDA, PCP Site	
100-0033	binding	Glycine, Strychnine-sensitive Site	
100-0046	binding	Nicotinic [α -BnTx Insensitive, Neuronal]	
100-0359	binding	Nicotinic [α -BnTx Insensitive, Nrnal] (h)	
100-0403	binding	Nicotinic [α -BnTx Sensitive, Muscle] (h)	
100-0485	binding	Nicotinic [α -BnTx Sensitive, Neuronal]	
300-0564	cellular	Nicotinic, Neuronal-Autonomic Ganglion (NAG), Agonist (h)	
300-0565	cellular	Nicotinic, Neuronal-Autonomic Ganglion (NAG), Antagonist (h)	
100-0061	binding	Serotonin, 5HT3	
100-0406	binding	Serotonin, 5HT3 (h)	
300-0303	cellular	Serotonin, 5HT3, Agonist	
300-0304	cellular	Serotonin, 5HT3, Antagonist	