

Materials List for:

A High-throughput Calcium-flux Assay to Study NMDA-receptors with Sensitivity to Glycine/D-serine and Glutamate

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Materials

Name	Company	Catalog Number	Comments
HEK-293	ATCC	CRL-1573	
Human NMDA (NR1/NR2A) Receptor Cell Line	ChanTest Corporation	CT6120	
pFastBac Dual Expression Vector	ThermoFisher Scientific	10712-024	
Corning 384-well Clear Flat Bottom Microplate	Corning Life Sciences	3844	
FLIPR Calcium 6-QF Assay Kit	Molecular Devices	R8192	
Glycine	Sigma-Aldrich	G7126	
Glutamate	Sigma-Aldrich	49621	
D-serine	Sigma-Aldrich	S4250	
L701,324	Tocris	907	
HEPES Buffer	Boston Bio Product	BB-103	
Magnesium Chloride Solution	Sigma-Aldrich	63069	
Calcium Chloride	VWR	E506	
HBSS	ThermoFisher Scientific	14025-092	
Probenecid	ThermoFisher Scientific	P36400	
DMEM/F-12, GlutaMAX media	ThermoFisher Scientific	10565018	
MDL105,519	NIBR	Synthesized in house	
NVP-AAM077	NIBR	Synthesized in house	
CGP070667	NIBR	Synthesized in house	