

Materials List for

# A Plate-Based Assay for the Measurement of Endogenous Monoamine Release in Acute Brain Slices

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jove.com/video/62127

## Materials

Name	Company	Catalog Number	Comments
48 Well plate	NA	NA	Assay
Acetonitrile	Fischer Scientific	A998-1	Mobile Phase
Calcium Chloride Anhydrous	Sigma Aldrich	C1016	Modified Artificial Cerebrospinal Fluid OR Efflux Buffer
Clarity Software	Anetc		
Citric Acid	Sigma Aldrich		Mobile Phase
D-(+)-Glucose	Sigma	1002608421	Dissection Buffer
DMF	Sigma Aldrich	D4551	MTT Assay
EDTA-Na2	Sigma Aldrich		Mobile Phase
GraphPad Software	Graphpad Software, Inc		Statistical Analysis
Glycerol	Sigma Aldrich	G5516	Lysis buffer
HEPES	Sigma Aldrich	H3375	Lysis buffer
HPLC, Decade Amperometric	Anetc		HPLC, LC-EC system
HPLC	Amuza		HPLC HTEC-510.
L-Asrobic Acid	Sigma Aldrich	A5960	Dissection Buffer
Magnesium Sulfate	Sigma	7487-88-9	KH Buffer
Microcentrifuge Filter Units UltraFree	Millipore	C7554	Assay - 6 to fit in 48 well plate
MTT	Thermo Fisher	M6494	MTT Assay
Nanosep	VWR	29300-606	Assay; protein assay
Octanesulfonic acid	Sigma Aldrich	V800010	Mobile Phase
Pargyline Chlorohydrate	Sigma Aldrich	P8013	Modified Artificial Cerebrospinal Fluid OR Efflux Buffer
Phosphoric Acid	Sigma Aldrich		Mobile Phase
Potassium Chloride	Sigma	12636	KH Buffer
Potassium Phosphate Monobasic	Sigma	1001655559	KH Buffer
Precisinary VF-21-0Z	Precisinary		Compresstome

Protease Inhibitor Cocktail	Sigma Aldrich	P2714	Lysis buffer.
Sodium Bicarbonate	Sigma	S5761	Dissection Buffer
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Sodium Chloride	Sigma	S3014	KH Buffer
Sodium Dodecyl Sulfate	Sigma Aldrich	L3771	Lysis buffer
Triton X-100	Sigma Aldrich	T8787	MTT Assay / Lysis buffer