

Materials List for

Optimized Automated Analysis of Live Neuronal Mitochondria Homeostasis Modulation by Isoform-Specific Retinoic Acid Receptors

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jove.com/video/65452

Materials

Name	Company	Catalog Number	Comments
AM580	Sigma-Aldrich	A8843	
BDNF	Thermo-Fisher	RP8642	
BMS493	Tocris Bioscience	3409	
CD2314	Tocris Bioscience	3824	
Ch55	Tocris Bioscience	2020	
Foetal Bovine Serum	Thermo-Fisher	10270106	
GraphPad Prism v4.0	GraphPad Software, La Jolla	n/a	
Ham's F12 Nutrient Mix	Thermo-Fisher	21765029	
MATLAB R2022a	MathWorks	n/a	
Minimal Essential Medium	Thermo-Fisher	31095	
Nunc Glass Bottom Dishes	Thermo-Fisher	150680	
Phosphate Buffer Saline Solution	Thermo-Fisher	28372	
Retinoic acid	Sigma-Aldrich	R2625	
TMRM	Thermo-Fisher	T668	
Zeiss LSM 510	Carl Zeiss	n/a	Equipped with live-cell imaging culture chamber and 63x oil immersion objective