

Materials List for

Humanized Mediator Release Assay as a Read-Out for Allergen Potency

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jove.com/video/62702

Materials

Name	Company	Catalog Number	Comments
4-Methylumbelliferyl N-acetyl- β -D-glucosaminide	Sigma	M2133	
96-well plate for huRBL cells (Nunc MicroWell 96-Well, Nunclon Delta-treated, flat-bottom microplate)	ThermoFisher Scientific	167008	
96-well plate for substrate solution and cell supernatant (Greiner Bio-One non-treated 96-well microplates)	Fisher Scientific	655101	
Bovine serum albumin (BSA)	Sigma	10735078001	
Citric acid	Applichem	131018	
Dulbecco's phosphate-buffered saline (DPBS without calcium and magnesium)	Sigma	D8537	
G418	Sigma	A1720	
Glycine	Applichem	A3707	
Heat-inactivated fetal calf/bovine serum (FCSi)	Sigma	F0804	
L-Glutamine (200 mM)	Sigma	G7513	
Minimum Essential Medium Eagle with Alpha Modification, with ribonucleosides, deoxyribonucleosides and sodium bicarbonate, without L-glutamine, liquid, sterile-filtered, suitable for cell culture	Sigma	M8042	
Opti-MEM reduced serum medium, GlutaMAX supplement	Gibco/ThermoFisher Scientific	51985034	
Penicillin-Streptomycin (10K units Pen. 10 mg/mL Strep.)	Sigma	P4333	
Sodium chloride (NaCl)	Applichem	A2942	
Sodium hydrogen carbonate (NaHCO ₃)	Applichem	131638	
Triton X-100	Sigma	X100	
Trypsin-EDTA	Sigma	59418C	

Tyrode's salt	Sigma	T2145	
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