

Materials List for

Isolating Human Peripheral Blood Mononuclear Cells and CD4+ T cells from Sézary Syndrome Patients for Transcriptomic Profiling

Syed J. Mehdi¹, Andrea M. Moerman-Herzog¹, Henry K. Wong¹

¹Department of Dermatology, University of Arkansas for Medical Sciences

Corresponding Author

Henry K. Wong

hkwong@uams.edu

Citation

Mehdi, S.J., Moerman-Herzog, A.M., Wong, H.K. Isolating Human Peripheral Blood Mononuclear Cells and CD4+ T cells from Sézary Syndrome Patients for Transcriptomic Profiling. *J. Vis. Exp.* (), e61470, doi:10.3791/61470 (2021).

Date Published

October 14, 2021

DOI

10.3791/61470

URL

jove.com/video/61470

Materials

Name	Company	Catalog Number	Comments
1.5 ml microcentrifuge tubes	Fisher Scientific	02-681-320	
10 ml Disposable Plastic Pipette	Thermo Scientific	170356	
1000 ul Pipet tips	VWR	10017-038	
15 ml Conical Tubes	Corning	352196	
25 ml Disposable Plastic Pipette	Thermo Scientific	170357	
5 ml Disposable Plastic Pipette	Thermo Scientific	170355	
50 ml Conical Tubes	Thermo Scientific	339652	
A23187 ionophore	Fisher Scientific	BP595	
Centrifuge	Thermo Scientific	75004381	
DMSO	Sigma	D2650-5x5ml	
EasySep Human Memory CD4+ T cell Enrichment Kit	StemCell	19157	
FBS	GIBCO	16140-071	
HBSS	GIBCO	14185-052	
HEPES	Fisher Bioreagents	BP310-500	
KHCO3	Fisher Bioreagents	P184-500	
Lymphocyte Separation Medium	Corning	25-072-CV	
Na2EDTA	ACROS	10378-23-1	
NaHCO3	Fisher Bioreagents	S233-500	
NH4Cl	Fisher Bioreagents	A661-500	
Penicillin-streptomycin solution	GIBCO	15140122	
phorbol12-myristate13-acetate (PMA)	Sigma	P-8139	
Pipet-Lite LTS Pipette L-1000XLS+	RAININ	17014382	
Pipet-Lite LTS Pipette L-10XLS+	RAININ	17014388	
Pipet-Lite LTS Pipette L-200XLS+	RAININ	17014391	

Pipet-Lite LTS Pipette L-20XLS+	RAININ	17014392	
RNA Clean & Concentrator-5	Zymo Research	R1013	
Rneasy Plus Mini Kit	Qiagen	74136	
RPMI 1640	GIBCO	31800-022	
T-25 Flask	Thermo Scientific	2024-10	