

Materials List for:

Assessing the Innate Sensing of HIV-1 Infected CD4⁺ T Cells by Plasmacytoid Dendritic Cells Using an *Ex vivo* Co-culture System.

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Materials

Name	Company	Catalog Number	Comments
MT4 cells	NIH AIDS Reagent Program	120	This reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: MT-4 from Dr. Douglas Richman.
HEK-Blu IFN- α / β reporter cells	Invivogen	HKB-IFNAB	
RPMI	Wisent	350-000-CL	
DMEM	Wisent	319-005-CL	
FBS	Wisent	080-150	
Ficoll-Paque Plus	Myltenyi	17-1440-03	
CD4 ⁺ T cell isolation kit II	Myltenyi	130-091-155	
Diamond Plasmacytoid Dendritic Cell Isolation Kit II	Myltenyi	130-097-240	
PHA-L	Sigma-Aldrich	O2769	
Human rIL-2	NIH AIDS Reagent Program	136	This reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human rIL-2 from Dr. Maurice Gately, Hoffmann - La Roche Inc.
Imiquimod	Invivogen	TLRL-IMQS	
ODN 2216 CpG-A	Hycult Biotec	HC4037	
Human IFN α	PBL Interferon source	11100-1	
QUANTI-Blue	Cedarlane	REP-QB2	
Flow cytometry (Antibodies/reagents)			
Fc blocking solution (composition below):			Note: make in washing solution (PBS, 5mM EDTA, 5% FBS)
10% Goat serum	Sigma-Aldrich	G 9023	
10% Rabbit serum	Sigma-Aldrich	R 9133	
10% Mouse serum	Sigma-Aldrich	M 5909	
2.5 mg/ml human IgG	Sigma-Aldrich	I 4506	
anti-CD3_Pacific Blue	Biolegend	300417	
anti-CD14_PE-TxRed	Life Technologie	MHCD1417	
anti-BDCA2_APC	Myltenyi	130-090-905	
anti-ILT7_PE	Biolegend	326408	
anti-CD4_PerCP/Cy5.5	Biolegend	317427	
anti-BST2_Alexa 660	eBioscience	50-3179	

Paraformaldehyde	Sigma-Aldrich	P 6148	
Cell strainer	BD Falcon	352340	
Cyan ADP instrument	Beckman Coulter	CY20030	