

Materials List for:

Detection of Human Immunodeficiency Virus Type 1 (HIV-1) Antisense Protein (ASP) RNA Transcripts in Patients by Strand-Specific RT-PCR

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Materials

Name	Company	Catalog Number	Comments
BD LSR II	Becton Dickinson		
BigDye Terminator v1.1 Cycle Sequencing Kit	Applied Biosystem, Thermo Fisher Scientific	4337450	
dNTP Set (100 mM)	Invitrogen, Thermo Fisher Scientific	10297018	
Dynabeads M-280 Streptavidin	Invitrogen, Thermo Fisher Scientific	11205D	
EasySep Human CD4+ T Cell Isolation Kit	Stemcell Technologies	19052	
Fetal Bovine Serum	Biowest	S1010-500	
Fixation/Permeabilization Solution Kit	Becton Dickinson	554714	
HIV Gag p24 flow cytometry antibody - Kc57-FITC	Beckman Coulter	6604665	
Human IL-2	Miltenyi Biotec	130-097-743	
Lectin from Phaseolus vulgaris (PHA)	Sigma-Aldrich	61764-1MG	
LIVE/DEAD Fixable Yellow Dead Cell Stain Kit, for 405 nm excitation	Invitrogen, Thermo Fisher Scientific	L34967	
Mouse Anti-Human CD28	Becton Dickinson	55725	
Mouse Anti-Human CD3	Becton Dickinson	55329	
Primers and Probes	Integrated DNA Technologies (IDT)		
Penicillin-Streptomycin	BioConcept	4-01F00-H	
Platinum Taq DNA Polymerase High Fidelity	Invitrogen, Thermo Fisher Scientific	11304011	
Polybrene Infection / Transfection Reagent	Sigma-Aldrich	TR-1003-G	
RNeasy Mini Kit	Qiagen	74104	
Roswell Park Memorial Institute (RPMI) 1640 Medium	Gibco, Thermo Fisher Scientific	11875093	
StepOnePlus Real-Time PCR System	Applied Biosystem, Thermo Fisher Scientific	4376600	
SuperScript III Reverse Transcriptase	Invitrogen, Thermo Fisher Scientific	18080044	

TaqMan Gene Expression Master Mix	Applied Biosystem, Thermo Fisher Scientific	4369016	
TOPO TA Cloning Kit for Subcloning, with One Shot TOP10 chemically competent E. coli cells	Invitrogen, Thermo Fisher Scientific	K450001	
TURBO DNase (2 U/ μ L)	Invitrogen, Thermo Fisher Scientific	AM2238	
Veriti Thermal Cycler	Applied Biosystem, Thermo Fisher Scientific	4375786	