

Materials List for:

Methods to Evaluate Cytotoxicity and Immunosuppression of Combustible Tobacco Product Preparations

Subhashini Arimilli¹, Brad E. Damratoski¹, Prasad G.L.²

¹Department of Microbiology and Immunology, Wake Forest University Health Sciences

²R&D Department, R.J. Reynolds Tobacco Company

Correspondence to: Subhashini Arimilli at sarimill@wakehealth.edu

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Materials

Name	Company	Catalog Number	Comments
12 x 75 mm tubes	BD Falcon	352058	
15 ml conical tubes	Corning	430790	
2 ml microtubes	Axygen	MCT-150-C-S	
3R4F reference cigarettes	Univ. of Kentucky, College of Agriculture	3R4F	
50 ml conical tubes	Corning	430828	
500 ml bottle	Corning	430282	
7AAD	BD Pharmingen	559925	
96-well flat bottom plate	Termo Nunc	439454	
96-well round bottom plates	BD Falcon	353077	
Cell culture hood	Thermo Scientific	1300 Series A2	
Centrifuge	Eppendorf	58110R	
CFSE	Molecular Probes Life Technologies	C34554	
Cluster tubes	Corning	4401	Harmful if swallowed, carcinogen
Cytofix/Cytoperm (Permwash)	BD Biosciences	555028	Flammable
DMSO (dimethyl sulfoxide)	Sigma-Aldrich	D8418	
DPBS	Lonza	17-512F	
FBS	Sigma-Aldrich	F2442	
FCAP Array	BD Biosciences	652099	Software analyzes CBA data
Filter unit	Nalgene	156-4020	
Flow cytometer	BD Biosciences	FACS Canto II	8 colors, at Ex 405 and Em 785.
Flow cytometer	BD Biosciences	FACS Calibur	4 colors at Ex 495 and Em 785.
Flow cytometry analysis software	Tree Star	FlowJo	
Freezing container	Nalgene	5100-0001	Contains DMSO, irritant
GogliPlug	BD Biosciences	555029	Carcinogen, irritant, corrosive
H ₂ SO ₄	Sigma-Aldrich	339741	
Human Inflammatory Cytokine Kit	BD Biosciences	551811	
IFN-γ V-500 Antibody	BD Horizon	561980	skin sensitizer
IL-8 ELISA Kit	R and D Systems	DY208	
Isolation buffer	Isolymp, CTL Scientific Corp.	1114868	Flammable liquid, irritant
Isopropyl alcohol	Sigma-Aldrich	W292907	
L-Glutamine	Gibco Life Technologies	25030-081	
LPS	Sigma-Aldrich	L2630	

MIP1- α PE Antibody	BD Pharmingen	554730	Acute toxicity, oral
Monensin	Sigma-Aldrich	M5273	
NaCl	Sigma-Aldrich	S7653	
Nicotine	Sigma-Aldrich	N3876	Acute toxicity, environmental hazard
Parafilm	Bemis	"M"	
Paraformaldehyde	Sigma-Aldrich	P6148	Flammable, skin irritation
Pen/strep	Gibco Life Technologies	15140-122	
RPMI 1640	Gibco Life Technologies	11875-093	
Running buffer	MACS Running Buffer, Miltenyi Biotech	130-091-221	
Th1/Th2 CBA Kit	BD Biosciences	551809	
TNF- α Alexa Fluor 488 Antibody	BioLegend	502915	
Transfer pipette	Fisher Scientific	13-711-20	
Tris Base	Sigma-Aldrich	T1503	