

Quality-Controlled Sputum Analysis by Flow Cytometry

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Materials

Name	Company	Catalog Number	Comments
1% Paraformaldehyde Flow-Fix	Polysciences	25037	
100 µM nylon cell strainers, Falcon #352360	Fisher Scientific	08-771-19	
3 M NaOH	EMD	SX0593-1	
50 mL conical falcon tube	Fisher Scientific	14-432-22	
Alexa488 anti-human CD19	BioLegend	302219	
Alexa488 anti-human CD3	BioLegend	300415	
Alexa488 anti-human cytokeratin	BioLegend	628608	
Alexa488 PanCK, CD3, and CD19 Isotype	BioLegend	400129	
BV510 anti-human CD45	BioLegend	304036	
CD66b FITC isotype	BD Biosciences	555748	
CompBead Plus Compensation Beads	BD Biosciences	560497	
Corning Polystyrene disposable sterile bottle 250 mL	Fisher Scientific	09-761-4	
Corning Polystyrene disposable sterile bottle 500 mL	Fisher Scientific	09-761-10	
CS&T beads	BD Biosciences	655051	
DTT	Fisher Scientific	BP172-5	
FITC anti-human CD66b	GeneTex	GTX75907	
Fixable Viability Stain	BD Biosciences	564406	
FlowCheck	Beckman Coulter	A69183	
FlowSet	Beckman Coulter	A69184	
HBSS	Fisher Scientific	14-175-095	
NAC	Sigma-Aldrich	A9165	
NIST Beads, 05 µM	Polysciences	64080	
NIST Beads, 20 µM	Polysciences	64160	
NIST Beads, 30 µM	Polysciences	64170	

PE anti-human CD45	BioLegend	304039	
PE-CF594 anti-human EpCAM	BD Biosciences	565399	
PE-CF594 CD206/EpCAM Isotype	BD Biosciences	562292	
PE-CR594 anti-human CD206	BD Biosciences	564063	
Sodium citrate dihydrate	EMD	SX0445-1	
Trypan Blue solution, 0.4%	Fisher Scientific	15250061	