

Materials List for:

Flow Cytometric Analysis of Particle-bound Bet v 1 Allergen in PM10

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Materials

Name	Company	Catalog Number	Comments
Teflon filter	Pall Life Sciences, USA	R2PL047	47 mm, 1.0 µm
low volume sampler	Sven Leckel Ingenieur Büro GmbH, Germany	LVS3	air flow of 2.3 m ³ /hr
Phosphate-buffered saline	Biochrom, Germany	L1825	without Ca/Mg, low endotoxin
electrical toothbrush	Braun, Germany	Oral-B Vitality Sensitive	
Casy cell counter	Schärfe System GmbH, Germany	Model TTC	range of detectable particle size: 0.7 µm to 45 µm
FACSCanto II	Becton Dickinson, USA	3-laser, 8-color (4-2-2)	
FACS Diva Software v6.1.3	Becton Dickinson		
bovine serum albumin (BSA)	Sigma-Aldrich, USA	A2153-10G	
monoclonal mouse IgG1 antibody against Bet v 1	Indoor Biotechnologies, UK	MA-3B4	clone MA-3B4
APC (Allophycocyanin)-labeled secondary anti-Mouse IgG1 antibody	Becton Dickinson	560089	clone A85-1
SPSSTM software version 18	PASW Statistics 18, Hongkong, China		
Petri Dish	Gosselin, France	BP50-02	D 55 mm, H 15 mm
FACS Tube	Becton Dickinson, USA	REF 352054	5 ml Polystyrene
CASYton	Roche Germany	REF 05651808001	
Matrix Blank Tubes	Thermo Scientific, USA	4140	1.4 ml, PP
Centrifuge	Heraeus, Thermo Scientific	Megafuge 40R	
Vacuum Pump	INTEGRA Biosciences AG, Switzerland	Model 158 320	Inetrgra Vacusafe
recombinant Bet v 1a antigen	Indoor Biotechnologies, UK	LTR-BV1A-1	Concentration: 2.0 mg/ml