

Materials List for

# Disposable Dosators Intended for Dry Powder Delivery to Mice

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## Materials

Name	Company	Catalog Number	Comments
0.6 mL microcentrifuge tubes	Fisher Scientific	05-408-120	
Analytical balance	Mettler Toledo	AR1140	Any analytical balance with sufficient range can be used
Blunt stainless-steel needle, 1 inch, 21 G	McMaster-Carr	75165A681	
Blunt stainless-steel needle, 1 inch, 22 G	McMaster-Carr	75165A683	
Blunt stainless-steel needle, 1 inch, 25 G	McMaster-Carr	75165A687	
Disposable syringe with luer lock (1 mL)	Fisher Scientific	14-823-30	3-mL syringes can also be used
Female BALB/c mice	Charles River, Wilmington, MA, USA		
High-performance cascade impactor	Next Generation Impactor	Apparatus 5	
Lab film (e.g., Parafilm)	Fisher Scientific	S37440	
Low-lint wiper (e.g., Kimwipes)	Kimberly-Clark Professional	34133	
Low-resistance dry powder inhaler	RS01 mod 7		
Polypropylene needle, 1.5 inch, 16 G	McMaster-Carr	6934A111	
Polypropylene needle, 1.5 inch, 18 G	McMaster-Carr	6934A53	
Polypropylene needle, 1.5 inch, 20 G	McMaster-Carr	6934A55	
Precision sectioning saw	TedPella	812-300	Belt sander can be used as an alternative
PTFE needle, 2 inch, 20 G	McMaster-Carr	75175A694	
USP General Chapter <601>			<a href="http://www.uspbpep.com/usp31/v31261/usp31nf26s1_c601.asp">http://www.uspbpep.com/usp31/v31261/usp31nf26s1_c601.asp</a>