

ERRATUM

Chapter 9 Theory of Biological Cleanroom

Zhonglin Xu

Author

Z. Xu, *Fundamentals of Air Cleaning Technology and Its Application in Cleanrooms*,
DOI 10.1007/978-3-642-39374-7_9, © Springer-Verlag Berlin Heidelberg 2014

DOI 10.1007/978-3-642-39374-7_18

In this chapter, Tables 9.6–9.8 were unfortunately wrong in the original version.
The correct tables are given in the following pages.

Table 9.6 Classification standard for virus detection on experimental animal

Grade of Animals		Virus	Animal type						
			Mouse	Rat	Guinea pig	Hamster	Rabbit		
IV: Aseptic animal	III: Non-special pathogene animal	II: Clean animal	I: Ordinary animal	Lymphocytic Choriomeningitis Virus (LCMV)	○		○	○	
				Epizootic Hemorrhagic Fever Virus (EHFV)	○	○			
				Foot-and-mouth Disease Virus (FMDV)	○				
				Rabbit Hemorrhagic Disease Virus					○
				Mouse Hepatitis Virus (MHV)	○				
				Sendai Virus	○	○		○	
				Simian Virus 5 (SV5)			○	○	
				Pneumonia Virus of Mice (PVM)	○	●	○	●	
				Reovirus Type 3 (Reo-3)	●	●	○	○	
				Mouse Encephalomyelitis Virus (GdDN)	○	●	○	○	
				Mouse Adenovirus (MAd)	●				
				K Virus (KV)	●				
				Minute Virus of Mice (MVM)	○				
				Polyoma Virus	○				
				Rotavirus					●
				Toolan's Virus (II-1)		○			
				Kilham Rat Virus (KRV)		○			
				Rat Corona Virus (RCV)		○			
				Sialodacryoadenitis Virus (SDAV)		○			
				Epizootic Diarrhea of Infant Mice (EDIM)	●				
				Lactic Dehydrogenase Virus (LDV)	●				
				Mouse Cytomegalovirus (MCMV)	●				
				No detectable virus					

Note: ○ means there is no requirement; ● means it should be checked when needed.

Table 9.7 Classification standard for pathogenic bacteria detection on experimental animal

Grade of Animals		Pathogenic bacteria	Animal type						
			Mouse	Rat	Guinea pig	Hamster	Rabbit	Dog	
IV: Aseptic animal	III: Non-special pathogene animal	II: Clean animal							
		I: Ordinary animal	Salmonella Sp.	○	○	○	○	○	○
			Listeria Monocytogenes	●	●	●	●	●	
			Yersinia Pseudotuberculosis	●	●	●	●	●	
			Brucella						○
			Pasteurella Multocida	○	○	○	○	○	○
			Bordetella Bronchiseptica	○	○	○	○	○	○
			Streptobacillus Moniliformis	●	●	●	●	●	●
			Yesinia Enterocolitica	●	●	●	●	●	●
			Mycoplasma Pulmonis	○	○				
			Mycoplasma Neurolyticum	●					
			Mycoplasma Arthritis		●				
			Corynebacterium Kutcheri	○	○				
			Bacillus Piliiformis	○	○	○	○	○	
			Escherichia Coli 0115aC: K(B)	●					
			Pasteurella Pneumotropica	○	○	○	○	○	
			Klebsiella Pneumoniae	○	○	○	○	○	
			Staphylococcus Aureus	○	○	○	○	○	
			Streptococcus Pneumoniae	○	○	○	○	○	
			β-hemolytic Streptococcus	○	○	○	○	○	
			Pseudomonas Aeruginosa	○	○	○	○	○	
			No detectable virus	○	○	○	○	○	

Note: ○ means there is no requirement; ● means it should be checked when needed.

Table 9.8 Classification standard for parasite monitoring on experimental animal

Grade of Animals		Parasite	Animal type						
			Mouse	Rat	Guinea pig	Hamster	Rabbit	Dog	
IV: Aseptic animal	III: Non-specific pathogenic animal	II: Clean animal	I: Ordinary animal	Ectoparasite					
				○	○	○	○	○	○
				●	●	●	●	○	
				○	○	○	○	●	●
				●	●	○	●	○	
				○	○		○	○	●
				○	○				
				○	○		○		
									●
									●
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				○	○		○		
				○	○		○		
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				○	○		○		
				○	○		○		
								○	
				○	○			○	
							○		○
				○	○			○	
				○	○				
				○	○				
				○	○				

Note: ○ means there is no requirement; ● means it should be checked when needed.