

Testing Results of Setting microbial counts from air(2016.4.21)

Testing Area: B.S Animal room , clean Animal room , conventional Animal room .

Testing Time: once one month

Specimen description:-9 cm TSA agar plate

Sampling method: TSA plates incubate in the 37°C 18-24 hours

Sampling time: 30 minutes

Testing Result: Average of microbila counts from air. <200 CFU

B.S. Area (A area)

Item	A1	A2	A3	A4	A5	A6	A7	A8
air inlet 1	11	0	22	14	9	30	0	1
air inlet 2	31	0	24	21	9	22	0	2
exhaust 1	17	0	23	14	5	23	0	3
exhaust 2	24	0	25	23	9	27	0	1
exhaust 3	28	0	27	22	22	31	3	2
exhaust 4	26	0	23	25	8	21	0	1
Average	22.83	0.00	24.00	19.83	10.33	25.67	0.50	1.67

B.S. Area (B area)

Item	B1	B2	B3	B4	B5	B6	B7	B8
air inlet 1	0	0	0	1	1	1	0	0
air inlet 2	0	0	0	0	0	1	0	2
exhaust 1	0	0	0	0	8	2	0	0
exhaust 2	0	0	0	0	8	1	0	2
exhaust 3	0	0	0	0	26	2	0	2
exhaust 4	1	0	0	8	1	2	0	12
Average	0.17	0.00	0.00	1.50	7.33	1.50	0.00	3.00

B.S. Area (C area)

Item	C1	C2	C3	air shower	Bath
air inlet 1	0	2	3	1	1
air inlet 2	1	1	2	1	0
exhaust 1	0	1	1	×	×
exhaust 2	0	1	0	×	×
exhaust 3	0	2	1	×	×
exhaust 4	1	0	0	×	×
Average	0.33	1.17	1.17	1.00	0.50

B.S. Area

Item	A Path	B Path	C Path	Central Path	A buffer Zone	B buffer Zone	Sterilization
1	2	1	1	0	3	1	0
2	0	0	2	0	4	0	0
3	1	1	1	1	×	×	×
4	2	0	2	2	×	×	×
5	0	0	1	0	×	×	×
6	0	1	3	2	×	×	×
7	3	0	×	1	×	×	×
8	0	1	×	2	×	×	×
Average	1.00	0.50	1.67	1.00	3.50	0.50	0.00

Clean Area

Item	Path	Item	R1	R2	R3	R4	108	110-1	110-2
Path 1	0	air inlet 1	1	0	1	0	0	1	5
Path 2	0	air inlet 2	0	0	0	0	0	1	22
Path 3	0	exhaust 1	0	0	0	0	1	0	0
Path 4	0	exhaust 2	0	0	0	0	0	0	0
Path 5	0	exhaust 3	1	0	1	1	0	0	14
Path 6	10	exhaust 4	0	0	0	0	1	0	0
		middle 1	0	0	0	0	3	0	×
		middle 2	0	0	0	1	0	0	×
		Front 1	0	0	0	0	0	0	×
		Front 2	0	0	0	1	2	0	×
Average	1.67	Average	0.20	0.00	0.20	0.30	0.70	0.20	6.83

East Area

Item	Change shoes-1	Change shoes-2	Inside Path	Outside Path	E-Front	E-middle	ER1	ER2	behavior Lab
1	0	1	0	1	1	0	0	0	2
2	0	0	2	0	0	0	0	0	0
3	×	×	0	0	0	0	0	0	0
4	×	×	2	0	0	0	0	0	0
Average	0.00	0.50	1.00	0.25	0.25	0.00	0.00	0.00	0.50

East Area

Item	P2-Front	P2-Path	P2-Lab	P2-1	P2-2	P2-buffer zone	Monkey	Sterilizaton
1	1	0	0	0	23	0	71	0
2	2	0	0	0	6	0	146	0
3	×	×	×	0	14	×	94	0
4	×	×	×	3	18	×	88	0
Average	1.50	0.00	0.00	0.75	15.25	0.00	99.75	0.00

Quarantine Room

Item	Q1	Q2	Q3	Inside Path	Front
1	0	0	1	0	0
2	0	0	0	1	0
3	2	2	0	1	1
Average	0.67	0.67	0.33	0.67	0.33

Rabbit Room

Item	R1	R2	Front	Path
air inlet 1	1	0	0	0
air inlet 2	0	0	0	5
exhaust 1	2	0	×	0
exhaust 2	3	0	×	1
Average	1.50	0.00	0.00	1.50

Conventional Room

Item	106	107
air inlet 1	0	1
air inlet 2	0	0
exhaust 1	0	0
exhaust 2	0	0
exhaust 3	0	0
exhaust 4	0	0
Average	0.00	0.17

獸醫師 王

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圖資動物房

Item	B108-1	B108-2	B120	B112-1	B112-2	Item	Path	Sterilizaton
air inlet 1	3	1	0	2	3	1	0	1
air inlet 2	2	4	0	3	0	2	0	0
exhaust 1	0	0	0	1	1	3	0	0
exhaust 2	5	1	0	1	2	4	0	0
exhaust 3	2	0	0	6	0	5	3	×
exhaust 4	1	0	1	0	1	6	2	×
Average	2.17	1.00	0.17	2.17	1.17	7	0	×
						8	0	×
						9	1	×
						10	0	×
						11	0	×
						12	0	×
						Average	0.50	0.25

Examiner :

唐明珠

Veterinarian:

獸醫
孫英玲

Chief of Veterinary Services:

李勇

Director of Laboratory Animal Center:

實驗動物中心
中心主任 陳俊銘