

# Testing Results of Setting microbial counts from air( 2016.3.30)

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	2	0	0	8	7	1	15	0
air inlet 2	0	0	0	12	17	6	0	0
exhaust 1	5	2	4	10	7	16	1	1
exhaust 2	8	0	3	10	8	10	0	1
exhaust 3	2	0	2	12	19	10	1	0
exhaust 4	10	6	1	23	21	11	1	1
<b>Average</b>	<b>4.50</b>	<b>1.33</b>	<b>1.67</b>	<b>12.50</b>	<b>13.17</b>	<b>9.00</b>	<b>3.00</b>	<b>0.50</b>

## B.S. Area (B area)

Item	B1	B2	B3	B4	B5	B6	B7	B8
air inlet 1	0	0	0	1	0	0	1	1
air inlet 2	0	0	0	1	0	1	0	0
exhaust 1	0	0	0	0	0	0	1	0
exhaust 2	0	0	0	0	0	0	1	1
exhaust 3	0	0	0	0	1	1	1	0
exhaust 4	0	0	1	0	1	1	0	2
<b>Average</b>	<b>0.00</b>	<b>0.00</b>	<b>0.17</b>	<b>0.33</b>	<b>0.33</b>	<b>0.50</b>	<b>0.67</b>	<b>0.67</b>

## B.S. Area (C area)

Item	C1	C2	C3	air shower	Bath
air inlet 1	1	3	16	0	3
air inlet 2	0	1	7	4	3
exhaust 1	0	1	6	×	×
exhaust 2	0	3	20	×	×
exhaust 3	0	2	22	×	×
exhaust 4	1	0	10	×	×
<b>Average</b>	<b>0.33</b>	<b>1.67</b>	<b>13.50</b>	<b>2.00</b>	<b>3.00</b>

## B.S. Area

Item	A Path	B Path	C Path	Central Path	A buffer Zone	B buffer Zone	Sterilizaton
1	0	0	0	0	1	0	0
2	0	2	2	0	0	0	0
3	3	1	3	0	×	×	×
4	2	0	1	0	×	×	×
5	0	0	1	0	×	×	×
6	2	0	5	1	×	×	×
7	0	1	×	0	×	×	×
8	2	0	×	0	×	×	×
<b>Average</b>	<b>1.13</b>	<b>0.50</b>	<b>2.00</b>	<b>0.13</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>

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**Clean Area**

Item	Path	Item	R1	R2	R3	R4	108	110-1	110-2
Path 1	2	air inlet 1	1	2	0	0	3	0	2
Path 2	0	air inlet 2	0	0	0	1	1	1	0
Path 3	1	exhaust 1	1	1	0	1	3	0	0
Path 4	1	exhaust 2	1	0	0	0	3	0	1
Path 5	0	exhaust 3	0	0	0	1	0	0	3
Path 6	0	exhaust 4	1	0	0	1	0	0	5
		middle 1	2	0	0	0	0	1	×
		middle 2	0	0	1	0	0	0	×
		Front 1	0	0	2	3	0	0	×
		Front 2	0	0	1	4	0	0	×
<b>Average</b>	<b>0.67</b>	<b>Average</b>	<b>0.60</b>	<b>0.30</b>	<b>0.40</b>	<b>1.10</b>	<b>1.00</b>	<b>0.20</b>	<b>1.83</b>

**East Area**

Item	Change shoes-1	Change shoes-2	Inside Path	Outside Path	E-Front	E-middle	ER1	ER2	behavior Lab
1	0	0	0	1	0	0	0	0	0
2	1	0	0	2	0	0	0	0	0
3	×	×	0	2	1	0	0	0	0
4	×	×	0	0	1	0	0	0	0
<b>Average</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>1.25</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**East Area**

Item	P2-Front	P2-Path	P2-Lab	P2-1	P2-2	P2-buffer zone	Monkey	Sterilizaton
1	0	0	1	1	2	0	122	1
2	0	1	0	0	4	0	131	1
3	×	×	×	0	2	×	137	0
4	×	×	×	0	1	×	116	0
<b>Average</b>	<b>0.00</b>	<b>0.50</b>	<b>0.50</b>	<b>0.25</b>	<b>2.25</b>	<b>0.00</b>	<b>126.50</b>	<b>0.50</b>

**Quarantine Room**

Item	Q1	Q2	Q3	Inside Path	Front
1	0	1	0	1	1
2	1	0	1	0	0
3	0	2	0	2	1
<b>Average</b>	<b>0.33</b>	<b>1.00</b>	<b>0.33</b>	<b>1.00</b>	<b>0.67</b>

**Rabbit Room**

Item	R1	R2	Front	Path
air inlet 1	0	0	1	0
air inlet 2	7	1	0	1
exhaust 1	11	0	×	4
exhaust 2	6	4	×	1
<b>Average</b>	<b>6.00</b>	<b>1.25</b>	<b>0.50</b>	<b>1.50</b>

**Conventional Room**

Item	106	107
air inlet 1	0	0
air inlet 2	2	0
exhaust 1	0	0
exhaust 2	0	0
exhaust 3	0	0
exhaust 4	0	1
<b>Average</b>	<b>0.33</b>	<b>0.17</b>

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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	22	1	6	2	1	1	1
air inlet 2	4	11	0	1	1	2	0	0
exhaust 1	3	4	0	3	5	3	2	0
exhaust 2	1	6	0	3	4	4	0	0
exhaust 3	2	3	0	2	12	5	0	×
exhaust 4	8	8	0	10	1	6	0	×
<b>Average</b>	<b>3.50</b>	<b>9.00</b>	<b>0.17</b>	<b>4.17</b>	<b>4.17</b>	7	0	×
						8	1	×
						9	4	×
						10	1	×
						11	0	×
						12	0	×
						<b>Average</b>	<b>0.75</b>	<b>0.25</b>

Examiner :

Veterinarian:

Chief of Veterinary Services:

Director of Laboratory Animal Center:

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