

Laboratory Animal Cages and Recommended Stocking Density 實驗動物籠具種類及建議飼養密度 [Note 1]



Cage Type 籠具種類	Manufacturer 生產商	Material 物料	Overall Size (LxWxH) mm 尺碼	Internal area (cm <sup>2</sup> x Hcm) 籠內體積	Species 動物品種	Recommended Stocking Density 建議飼養密度		Location 區域	Remark 備註
						B Wt (gm) 體重 (克)	Holding Number 隻數		
M2 	NKP	Polypropylene	330.0 x 150.0 x 130.0	330.0 x 12.0	Mouse 小鼠	< 10	8	MDA CA-FMB CA-Lab	Autoclavable at 121°C, Note 2
						Up to 15	6		
						Up to 35	5#		
						> 35	3		
1155M 	Tecniplast	Polysulfone	330.0 x 150.0 x 130.0	330.0 x 12.0	Mouse 小鼠	< 10	8	SPFBA MDA	Autoclavable at 134°C, Note 2
						Up to 15	6		
						Up to 35	5#		
						> 35	3		
1290D 	Tecniplast	Polysulfone	425.0 x 276.0 x 153.0	820.0 x 15.3	Mouse 小鼠	< 10	20	MDA	Autoclavable at 134°C, Note 2
						Up to 15	15		
						Up to 25	10		
						> 25	8		
1292N 	Tecniplast	Polysulfone	450.0 x 280.0 x 130.0	960.0 x 12.0	Mouse 小鼠	< 10	24	SPFBA	Autoclavable at 134°C, Note 2
						Up to 15	18		
						Up to 25	12		
						> 25	9		
1144B 	Tecniplast	Polysulfone	332.0 x 150.0 x 130.0	335.0 x 13.0	Mouse 小鼠	< 10	8	CA-FMB	Autoclavable at 134°C, Note 2
						Up to 15	6		
						Up to 35	5#		
						> 35	3		
1144B (Single-Housed Cage) 	Tecniplast	Polysulfone	332.0 x 150.0 x 130.0	167.5 x 13.0	Mouse 小鼠	> 25	1 (per compartment) (每室)	MDA CA-FMB	Autoclavable at 134°C, Note 2
3600M021(Metabolic Cage) 	Tecniplast	Polycarbonate	180.0 (dia) x 135.0	254.5 x 13.5	Mouse 小鼠	> 25	1	CA-DMB CA-Lab CA-FMB	Autoclavable at 121°C

#Exception to the Guide (2011); Approved by the Committee on the Use of Live Animals in Teaching & Research (CULATR)

Note 1: Based on "Guide for the Care and Use of Laboratory Animals, National Research Council, USA, 2011"

Note 2: This cage is considered acceptable for monogamous and trio breeding, based on European Convention for the Protection of Vertebrate Animals used for Experimental and other Scientific Purposes (ETS 123), Appendix A, 2006

**Laboratory Animal Cages and Recommended Stocking Density 實驗動物籠具種類及建議飼養密度** [Note 1]

Cage Type 籠具種類	Manufacturer 生產商	Material 物料	Overall Size (LxWxH) mm 尺碼	Internal area (cm <sup>2</sup> x Hcm) 籠內體積	Species 動物品種	Recommended Stocking Density 建議飼養密度		Location 區域	Remark 備註
						B Wt (gm) 體重 (克)	Holding Number 隻數		
1145T 	Tecniplast	Polysulfone	403.0 x 165.0 x 132.0	435.0 x 13.2	Mouse 小鼠	< 10	11	CA-KA	Autoclavable at 134°C <b>Note 2</b>
						Up to 15	8		
						Up to 35	6#		
						> 35	4		
3600M021(Metabolic Cage) 	Tecniplast	Polycarbonate	180.0. (dia) x 135.0	254.5 x13.5	Mouse 小鼠	> 25	1	CA-KA	Autoclavable at 121°C





CA-KA - Conventional Experimental Holding Area on 8/F of Kadoorie Biological Sciences Building (嘉道理生物科學大樓 8 樓普通級實驗寄養區)

# A trial is currently ongoing for an approved exception to the Guide (2011) of up to 6 animals, subject to approval by the Committee on the Use of Live Animals in Teaching &amp; Research (CULATR)

Note 1: Based on "Guide for the Care and Use of Laboratory Animals, National Research Council, USA, 2011"

Note 2: This cage is considered acceptable for monogamous and trio breeding, based on European Convention for the Protection of Vertebrate Animals used for Experimental and other Scientific Purposes (ETS 123), Appendix A, 2006

## Laboratory Animal Cages and Recommended Stocking Density 實驗動物籠具種類及建議飼養密度 [Note 1]

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						B Wt (gm) 體重 (克)	Holding Number 隻數		
1284L (IVC*) 	Tecniplast	Polysulfone	365.0 x 207.0 x 140.0.	530.0 x 14.0	Mouse 小鼠	< 10	13	MDA CA-DMB CA-KA	Autoclavable at 134°C, Note 2
						Up to 15	10		
						Up to 35	6#		
						> 35	5		
GM500 (IVC*) 	Tecniplast	Polysulfone	391.0 x 199.0 x 160.0	501.0 x 13-16.0	Mouse 小鼠	< 10	12	SPFBA CA-DMB CA-FMB	Autoclavable at 134°C, Note 2
						Up to 15	9		
						Up to 35	6#		
						> 35	5		
GM500 (IVC*) with divider 	Tecniplast	Polysulfone	391.0 x 199.0 x 160.0	250.5 x 13-16.0	Mouse 小鼠	(per compartment) (每室)		SPFBA CA-DMB CA-FMB	Autoclavable at 134°C, Note 2
						< 10	6		
						Up to 15	3		
						Up to 35	2		
						> 35	1		
1291H (IVC*) with raised platform 	Tecniplast	Polysulfone	425.0 x 266.0 x 185.0	800.0 x 16.0	Mouse 小鼠	< 10	20	CA-FMB	Autoclavable at 134°C
						Up to 15	15		
						Up to 25	10		
						> 25	8		


\*IVC - Individually Ventilated Cage 獨立通風動物籠

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						B Wt (gm) 體重 (克)	Holding Number 隻數		
ISOcage P  	Tecniplast	Polyphenylsulfone	384 x 216 x 190	504.0 x 16.0	Mouse 小鼠	< 10	13	CA-DMB	Autoclavable at 134°C, <b>Note 2</b>
						Up to 15	9		
						Up to 35	6#		
						> 35	5		

CA-DMB - Conventional Experimental Holding Area in Dexter H.C. Man Building (文洪礎樓普通級實驗寄養區)




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Note 1: Based on "Guide for the Care and Use of Laboratory Animals, National Research Council, USA, 2011"

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Laboratory Animal Cages and Recommended Stocking Density 實驗動物籠具種類及建議飼養密度 [Note 1]

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						B Wt (gm) 體重 (克)	Holding Number 隻數		
<b>RB3</b> 	NKP	Polypropylene	450.0 x 280.0 x 200.0	960.0 x 20.0	Rat 大鼠	<100	8	MDA SPFBA	Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒
						Up to 200	6		
						Up to 300	5		
						Up to 400	3		
						Up to 500	2		
						> 500	2		
<b>1354G</b> 	Tecniplast	Polysulfone	598.0 x 380.0 x 271.0	1820.0 x 27.1	Rat 大鼠	<100	16	SPFBA	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 200	12		
						Up to 300	9		
						Up to 400	7		
						Up to 500	4		
						> 500	4		
<b>GR1800 (Double Decker)</b> 	Tecniplast	Polysulfone	462.0 x 403.0 x 404.0	1862.0 x 40.4	Rat 大鼠	<100	14	SPFBA MDA CA-FMB CA-KA	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 200	10		
						Up to 300	7		
						Up to 400	5		
						> 400	4		
						> 800	2		

SPFBA - Specific Pathogen Free Breeding Area in LAU Building (實驗動物中心大樓無特定病原體繁殖區)

MDA - Minimal Disease Experimental Holding Area in LAU Building and Dexter H.C. Man Building (實驗動物中心大樓及文洪礎樓屏障實驗寄養區)

CA-DMB - Conventional Experimental Holding Area in Dexter H.C. Man Building (文洪礎樓普通級實驗寄養區)

CA-Lab - Conventional Experimental Holding Area on LG1/F of Dexter H.C. Man Building (文洪礎樓地下一層普通級實驗寄養區)





CA-FMB - Conventional Experimental Holding Area in Laboratory Block, Li Ka Shing Faculty of Medicine (李嘉誠醫學院實驗樓普通級實驗寄養區)

CA-KA - Conventional Experimental Holding Area on 8/F of Kadoorie Biological Sciences Building (嘉道理生物科學大樓 8 樓普通級實驗寄養區)

\*IVC - Individually Ventilated Cage 獨立通風動物籠

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						B Wt (gm) 體重 (克)	Holding Number 隻數		
2154F 	Tecniplast	Polysulfone	480.0 x 265.0 x 210.0	940.0 x 21.0	Rat 大鼠	Up to 100	8	CA-FMB	Autoclavable at 134°C 可抵受攝氏 134°C 高溫消毒 {Designated for those animals with cranial implants or any other exterior implants}
						Up to 200	6		
						Up to 300	5		
						Up to 400	3		
						>400	Please use GR1800		
1291H (*IVC) 	Tecniplast	Polysulfone	425.0 x 266.0 x 185.0	800.0 x 18.5	Rat 大鼠	<100	7	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134°C 高溫消毒
						Up to 200	5	CA-FMB	
						Up to 300	4	MDA	
						Up to 400	3		
						>400	Please use GR1800		
1291H 	Tecniplast	Polysulfone	425.0 x 266.0 x 185.0	800.0 x 18.5	Rat 大鼠	<100	7	CA-FMB	Autoclavable at 134°C 可抵受攝氏 134°C 高溫消毒
						Up to 200	5	MDA	
						Up to 300	4	SPFBA	
						Up to 400	3		
						>400	Please use GR1800		
GR1800 (Double Decker) 	Tecniplast	Polysulfone	462.0 x 403.0 x 404.0	1862.0 x 40.4	Rat 大鼠	<100	14	SPFBA	Autoclavable at 134°C 可抵受攝氏 134°C 高溫消毒
						Up to 200	10	MDA	
						Up to 300	7	CA-FMB	
						Up to 400	5		
						> 400	4		
						> 800	2		

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CA-Lab - Conventional Experimental Holding Area on LG1/F of Dexter H.C. Man Building (文洪礎樓地下一層普通級實驗寄養區)

CA-FMB - Conventional Experimental Holding Area in Laboratory Block, Li Ka Shing Faculty of Medicine (李嘉誠醫學院實驗樓普通級實驗寄養區)

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						B Wt (gm) 體重 (克)	Holding Number 隻數		
2000P (for animal issue only) 	Tecniplast	Polysulfone	610.0 x 435.0 x 215.0	2065.0 x 21.5	Rat 大鼠	<100	18	SPFBA	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 200	13		
						Up to 300	11		
						Up to 400	8		
						Up to 500	5		
						> 500	4		
MC1 (Metabolic Cage) 	NKP	Stainless steel	190.0(dia.) x 175.0	283.5 x 17.5	Rat 大鼠	Up to 400	1	MDA CA-DMB CA-KA	Wire cage top with 8” diameter plastic funnel, Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒

SPFBA - Specific Pathogen Free Breeding Area in LAU Building (實驗動物中心大樓無特定病原體繁殖區)

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CA-FMB - Conventional Experimental Holding Area in Laboratory Block, Li Ka Shing Faculty of Medicine (李嘉誠醫學院實驗樓普通級實驗寄養區)

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						B Wt (gm) 體重 (克)	Holding Number 隻數		
3020W Solid bottom cage 	Tecniplast	Noryl	742.0 x 542.0 x 250.0	4000.0 x 25.0	Guinea Pig 豚鼠	Up to 350	10	SPFBA CA-FMB	Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒
						>350	6		
2000P (for animal issue only) 	Tecniplast	Polysulfone	610.0 x 435.0 x 215.0	2065.0 x 21.0	Guinea Pig 豚鼠	Up to 350	5	SPFBA	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						>350	3		




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						B Wt (gm) 體重 (克)	Holding Number 隻數		
4401S 	Tecniplast	Noryl	635.0 x 635.0 x 450.0 / 600.0	4040.0 x 45.0 / 60.0	Rabbit 兔子	<2000	2	SPFBA	Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒
						≥2000 and <5400	1		
4470R 	Tecniplast	Noryl	743.0 x 716.0 x 471.0	4670.0 x 47.1	Rabbit 兔子	<2000	3	SPFBA CA-DMB	Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒
						>2000	1	CA-FMB CA-KA	
2000P (for animal issue only) 	Tecniplast	Polysulfone	610.0 x 435.0 x 215.0	2065.0 x 21.5	Rabbit 兔子	<2000	1	SPFBA	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 4000	1 (for short delivery trips only) (只適用於 短程運載動物)		

SPFBA - Specific Pathogen Free Breeding Area in LAU Building (實驗動物中心大樓無特定病原體繁殖區)

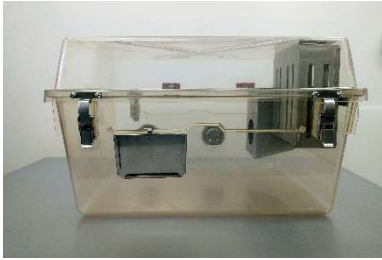

CA-FMB - Conventional Experimental Holding Area in Laboratory Block, Li Ka Shing Faculty of Medicine (李嘉誠醫學院實驗樓普通級實驗寄養區)

CA-KA - Conventional Experimental Holding Area on 8/F of Kadoorie Biological Sciences Building (嘉道理生物科學大樓 8 樓普通級實驗寄養區)

CA-DMB - Conventional Experimental Holding Area in Dexter H.C. Man Building (文洪礎樓普通級實驗寄養區)

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						Age 年齡	Holding Number 隻數		
Type 4 Ferret cage (*IVC) 	Allentown	Polysulfone	505.0 x 402.0 x 298.0	2030.0 x 29.5	Ferret 雪貂	Adult	1	CA-DMB	Autoclavable at 121°C 可抵受攝氏 121°C 高溫消毒
Conventional Ferret cage 	Tailor-made	Stainless steel	600.0 x 600.0 x 480.0	3600.0 x 48.0	Ferret 雪貂	Adult	≤ 2	CA-DMB	Autoclavable at 121°C 可抵受攝氏 121°C 高溫消毒


CA-DMB - Conventional Experimental Holding Area in Dexter H.C. Man Building (文洪礎樓普通級實驗寄養區)

CA-FMB - Conventional Experimental Holding Area in Laboratory Block, Li Ka Shing Faculty of Medicine (李嘉誠醫學院實驗樓普通級實驗寄養區)

\*IVC - Individually Ventilated Cage 獨立通風動物籠

 Note 1: Based on the "Laboratory Animal Medicine, 3<sup>rd</sup> Edition (American College of Laboratory Animal Medicine)"

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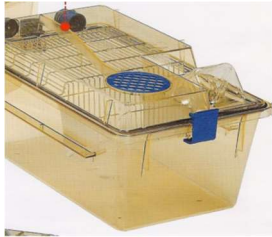
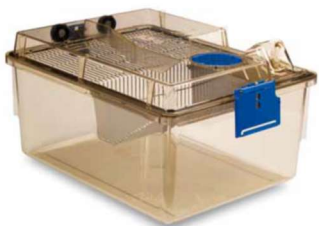



Cage Type 籠具種類	Manufacturer 生產商	Material 物料	Overall Size (LxWxH) m 尺碼	Internal Volume (Floor area m <sup>2</sup> x H m) 籠內體積	Species 動物品種	Recommended Stocking Density 建議飼養密度		Location 區域	Remark 備註
						B Wt (kg) 體重 (千克)	Holding Number 隻數		
Pig / Goat pen 	Tailor-made	Stainless steel	(1.08-2.14) x 1.25 x 1.32	(1.35 – 2.67) x 1.32	Swine 豬	Up to 25	4	CA-LA	Wash with UV-filtered water daily if animals are present  如有動物，則每天用紫外線過濾水清洗  Disinfect with disinfectant and rinse with UV-filtered water once animals are not present  如沒動物，則用消毒藥水消毒並清洗
						Up to 50	2		
						With divider (per compartment) (每室)			
						Up to 25	2		
					Goat 山羊	Up to 50	1		
						<25	3		
						Up to 50	2		
					> 50	1			

CA-LA - Conventional Experimental Holding Area in Dexter Man Building (文洪礎樓普通級實驗寄養區)

Note 1: Based on the "Guide for the Care and Use of Laboratory Animals, National Research Council, USA, 2011"

(Cage System\_2018 Bilingual\_Rev\_20220504)

**Laboratory Animal Cages and Recommended Stocking Density 實驗動物籠具種類及建議飼養密度**

Cage Type 籠具種類	Manufacturer 生產商	Material 物料	Overall Size (LxWxH) mm 尺碼	Internal area (cm <sup>2</sup> x Hcm) 籠內體積	Species 動物品種	Recommended Stocking Density 建議飼養密度		Location 區域	Remark 備註
						B Wt (gm) 體重 (克)	Holding Number 隻數		
<b>1291H (*IVC)</b> 	Tecniplast	Polysulfone	425.0 x 266.0 x 185.0	800.0 x 18.5	Hamster 倉鼠	< 60	12	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 80	9		
						Up to 100	7		
						> 100	6		
<b>1500U (*IVC)</b> 	Tecniplast	Polysulfone	513.0 x 381.0 x 256.0	1500 x 25.6	Hamster 倉鼠	< 60	23	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 80	17		
						Up to 100	14		
						> 100	12		
<b>RI02 (*IVC)</b> 	Shinva	Polyphenylsulfone	488.0 x 320.0 x 257.0	1130 x 25.0	Hamster 倉鼠	< 60	17	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 80	13		
						Up to 100	10		
						> 100	9		
<b>Modified 1284L (*IVC)</b> 	Tecniplast	Polysulfone	365.0 x 207.0 x 180.0	530 (245) x 14.0 -18.0	Hamster 倉鼠	< 60	3	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134 °C 高溫消毒
						Up to 80	2		
						Up to 100	2		
						> 100	2		
<b>GM500 (*IVC)</b> 	Tecniplast	Polysulfone	391.0 x 199.0 x 160.0	501(125) x 13-16.0	Hamster 倉鼠	< 60	2	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134°C 高溫消毒
						Up to 80	1		
						Up to 100	1		
						> 100	1		



CA-DMB - Conventional Experimental Holding Area in Dexter H.C. Man Building (文洪礎樓普通級實驗寄養區)

CA-FMB - Conventional Experimental Holding Area in Laboratory Block, Li Ka Shing Faculty of Medicine (李嘉誠醫學院實驗樓普通級實驗寄養區)




\*IVC - Individually Ventilated Cage 獨立通風動物籠

Note 1: Based on "Guide for the Care and Use of Laboratory Animals, National Research Council, USA, 2011"



<b>GR1800 (Double Decker)</b> 	Tecniplast	Polysulfone	462.0 x 403.0 x 404.0	1862.0 x 40.4	Hamster 倉鼠	<60	28	CA-DMB	Autoclavable at 134°C 可抵受攝氏 134°C高溫消毒
						Up to 80	22		
						Up to 100	18		
						> 100	15		
<b>Type 4 Ferret cage (*IVC)</b> 	Allentown	Polysulfone	505.0 x 402.0 x 298.0	2030.0 x 29.5	Hamster 倉鼠	<60	30	CA-DMB	Autoclavable at 121°C 可抵受攝氏 121 °C高溫消毒
						Up to 80	24		
						Up to 100	19		
						> 100	16		

Laboratory Animal Cages and Recommended Stocking Density 實驗動物籠具種類及建議飼養密度 [Note 1]

Cage Type 籠具種類	Manufacturer 生產商	Material 物料	Overall Size (LxWxH) mm 尺碼	Internal area (cm <sup>2</sup> x Hcm) 籠內體積	Species 動物品種	Recommended Stocking Density 建議飼養密度		Location 區域	Remark 備註
						B Wt (gm) 體重 (克)	Holding Number 隻數		
1500U IVC for Quarantine 	Tecniplast	Polysulfone	513.0 x 381.0 x 256.0	1500 x 25.6	Bird 雀鳥	Up to 70	2	CA-KA	Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒
Bird Cage (Small) 	Mainland Supplier	Galvanized zinc	600.0 x 410.0 x 410.0	2460.0 x 41.0	Bird 雀鳥	Up to 70	2	CA-KA	Disinfect with hot water at 82°C 可抵受攝氏 82°C 高溫清洗
Bird Cage (Large) 	Parrots Equipment Home	Stainless Steel	770.0 x 530.0 x 900.0	4081.0 x 90.0	Bird 雀鳥	Up to 70	6 ( <i>Agapornis</i> )	CA-KA	Autoclavable at 121°C 可抵受攝氏 121 °C 高溫消毒
						Up to 700	1 ( <i>Eclectus</i> )		





CA-KA - Conventional Experimental Holding Area on 8/F of Kadoorie Biological Sciences Building (嘉道理生物科學大樓 8 樓普通級實驗寄養區)

Note 1:

Based on the

1. "Guide for the Care and Use of Laboratory Animals, National Research Council, USA, 2011"
2. "Pet Industry Joint Advisory Council (PIJAC) – Canada" <https://pijaccanada.com/for-businesses/resources/recommended-space-requirements-for-birds-kept-in-a-pet-retail-environment/>
3. LafeberVet Sites  
<https://lafeber.com/vet/basic-information-sheet-for-the-lovebird/>
4. "COP for the Housing of Caged Birds Agriculture Victoria"  
<https://agriculture.vic.gov.au/livestock-and-animals/animal-welfare-victoria/domestic-animals-act/codes-of-practice/code-of-practice-for-the-housing-of-caged-birds>

**Fish Tank Types and Recommended Stocking Density 魚缸種類及建議飼養密度** [Note 1]

Tank Type 魚缸種類	Material 材質	Size (LxWxH) mm 大小	Volume (L) 體積 (公升)	Recommended Stocking Density# 建議飼養密度		Remark 備註
				Standard length (mm) 體長 (毫米)	Quantity 數量	
Petri Dish 培養皿 	Polystyrene 聚苯乙烯	Ø90x15	0.02	<3.5 (embryo 胚胎)	50	N/A
ZB11TK 	Polycarbonate 聚碳酸酯	345x75x110	1.1	Up to 14 (Larvae 魚苗) *	55	Autoclavable at 121°C 可抵受攝氏 121°C 高溫消毒
>15 (Juvenile 幼魚)				10		
>25 (Adult 成魚)				5		
ZB35TK 	Polycarbonate 聚碳酸酯	360x115x185	3.5	Up to 5 (Hatchlings 幼魚苗) *	40	Autoclavable at 121°C 可抵受攝氏 121°C 高溫消毒
Up to 14 (Larvae 魚苗)				175		
>15 (Juvenile 幼魚) (Adult 成魚)				17		
ZB80TK 	Polycarbonate 聚碳酸酯	360x235x185	8.0	Up to 5 (Hatchlings 幼魚苗) *	84	Autoclavable at 121°C 可抵受攝氏 121°C 高溫消毒
Up to 14 (Larvae 魚苗)				400		
>15 (Juvenile 幼魚) (Adult 成魚)				40		

CA-DMB - Conventional Experimental Holding Area in Dexter H.C. Man Building (文洪礎樓普通級實驗寄養區)

 Note 1: Based on the "Guidance on the housing and care of Zebrafish (*Danio rerio*)" Research Animals Department, Science Group, RSPCA (2011).

\*Water depth cannot be deeper than 20 mm

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