

Australian Institute for Bioengineering and Nanotechnology (AIBN) - Biological Resources Animal Facility 2023

The BR-AIBN animal facility has the highest pathogen exclusion level. This facility has research, holding and production facilities for a range of animal models. AIBN can facilitate short-term holding and distribution of mice and rats from commercial suppliers such as the Animal Resources Centre and Monash Animal Services.

Room/Location	609-610	611	615	616	633	637	638	642
	Mouse	Rat	Mouse					
Cage/tank/housing system (type and dimensions)	OptiMice	GR1800DD	OptiMice	GM500	IsoCage N	GM500		
Cage floor area	484 cm ²	1862 cm ²	484 cm ²	501 cm ²				
Food	Speciality Feeds: Rat and Mouse Cubes (SF00-100) (Autoclaved)							
Water	Reverse Osmosis (RO) Water							
Additional food enrichment or supplements	Black Sunflower Seeds - hulls on (Autoclaved)							
Bedding	1/8th inch Corncob bedding (Autoclaved)							
Nesting material	Able: Cotton Nestlets (Autoclaved)	Tapvei: Aspen Nesting Material (Autoclaved)	Able: Cotton Nestlets (Autoclaved)					
Additional nesting/home cage enrichment	Red house/tunnel or cardboard house/popsicle stick wood chews, block wood chews							
Temperature and humidity parametres	20-24C, {50-70 RH}							
Sanitation (frequency of cage/tank water changes, material transferred, water quality)	~ 14 days	~ 7 Days	~14 Days					
Social environment (group size and composition/stocking density)	≤5 per cage	Gender dependant approx. 3/cage	≤5 per cage					
Biosecurity (level)	PC2				PC3 Biosecurity BC 5.3	PC2	PC2 under Biosecurity BC 5.2.2	PC2
Lighting (type, schedule and intensity)	12L:12D							

GM500: Tecniplast Greenline Individual Ventilated Cage

GR1800DD: Tecniplast Greenline Individual Ventilated Cage Double Decker

OptiMice: Animal care Systems Exhaust Ventilated Cage

IsoCage N: Tecniplast Biocontainment Cage

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Water	Reverse Osmosis (RO) Water							
Additional food enrichment or supplements	Black Sunflower Seeds - hulls on (Autoclaved)							
Bedding	1/8th inch Corncob bedding (Autoclaved)							
Nesting material	Debtabytes (Cotton rolls) (Autoclaved)	Tapvei: Aspen Nesting Material (Autoclaved)	Able: Cotton Nestlets (Autoclaved)					
Additional nesting/home cage enrichment	Red house/tunnel or cardboard house/popsicle stick wood chews, block wood chews							
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