THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Queensland Bioscience Precinct Research Animal Facility (QBP IMB)

The QBP animal facility provides conventional research and holding facilities for mice only.

Room/Location	1.223 East	1.224 East	1.210 East	1.211 East	1.212 East	1.213 East	1.214 East	1.242 West	1.243 West	1.244 West	1.236 West
Animal species housed	Mouse										
Cage/tank/housing system (type and dimensions)	GM500								n/a	OptiMice	
Cage floor area	501cm2								n/a	484cm2	
Food	Speciality Feeds: Rat and Mouse Cubes (SF00-100) (Autoclaved)										
Water	Reverse Osmosis (RO) Water										
Additional food enrichment or supplements	Autoclaved: Sunflower seeds (grey stripe), soaked wet diet for weaners for 1 week and any non thriving mice.										
Bedding	1/8" Corn Cob Bedding (Autoclaved)										
Nesting material	Pura: Crinkle Brown Nesting Material, Kimwipes, Dental Rolls (100% cotton sticks), Wood sticks or blocks										
Additional nesting/home cage enrichment	Cardboard thick triangular house (virgin- no dyes or fragrances), some red houses available.										
Temperature parametres	~21oC	~23oC	~21oC					~23oC	~21oC		
Humidity parametres	Ideal is ~50-70										
Social environment (group size and composition/stocking density)	Males and Females at sexual maturity ≤5/cage, Breeders Maximum- 2F/1M up to 2 litters										
Sanitation (frequency of cage/tank water changes, material transferred, water quality)	Weekly: Cages with ≥4 are changed, ≥4 Feed and health check, Full water change. Fortnightly: All cages cleaned, feed top up and full water change.										
Biosecurity (level)	PC2										
Lighting (type, schedule and intensity)	12L:12D 6am-6pm cycle										

GM500: Tecniplast Greenline Individual Ventilated Cage
OptiMice: Animal care Systems Exhaust Ventilated Cage