

## 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	501cm <sup>2</sup>							n/a	484cm <sup>2</sup>			
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