

Herston Medical Research Centre (HMRC)



HMRC is a joint venture partnership between UQ and Royal Brisbane Womens Hospital. It is located next to the RBWH and comprises conventional housing and AQIS standard import facilities for rodents. This complex also contains large animal research and holding facilities with extensive surgical training facilities.

Room/Location	137	225	122	123	116	227	224	231	240	G40	
Animal species housed	Mouse		Rat				Dunnarts	Quail	Mouse		
Cage/tank/housing system (type and dimensions)	GM500		GR1800DD	Open top			OptiRat	Variety (large & small)		GM500	Open top
Cage floor area	501cm ²		1862 cm ²	1855 cm ² & 975 cm ²			870.9cm ²	3969cm ² & 1855 cm ²		501cm ²	309.75cm ²
Food	Speciality Feeds: Rat and Mouse Cubes (SF00-100) (Autoclaved)						Laucke Mills Gamebird Breeder, Laucke Mills Gambird starter, Greystripe Sunflower Seeds, Cuttlebone Natural, Mealworms, Fresh fruit and vegetables	Meat ball mix, meal worms, egg, fruit, cat biscuits, Greystripe Sunflower Seeds	Speciality Feeds: Rat and Mouse Cubes (SF00-100) (Autoclaved)		
Water							Acidified				
Additional food enrichment or supplements	Black Sunflower Seeds - hulls on (Autoclaved)						Fruit and vegetables, egg	Fruit and vegetables, Cuttlefish, sunflower seeds, mealworms	Black Sunflower Seeds - hulls on (Autoclaved)		
Bedding	1/8th inch Corncob bedding (Autoclaved)										
Nesting material	Andersons 'Bed R Nest' (Autoclaved) Enviro-Dri (Autoclaved)						Hutches, Nesting boxes		Andersons 'Bed R Nest' EnviroDri - FibreCore		
Additional nesting/home cage enrichment	Red House/tunnel or cardboard house/tunnel, Chew sticks - wood						Red House, tunnel or cardboard house/tunnel, Chew sticks - wood, native branches & leaves, sand, rocks	Layer hutches, pine cones, branches & leaves, scratch trays	Red House/tunnel or cardboard house/tunnel, Chew sticks - wood		
Temperature and humidity parametres	~22oC, {50-70 RH}						~24oC, {50-70 RH}			~22oC, {50-70 RH}	
Sanitation (frequency of cage/tank water changes, material transferred, water quality)	Cages = 14 days, Water = 7days		Cages = 7 days, Water = 7 days				Twice per week			Cages = 7days, Water = 7days	
Social environment (group size and composition/stocking density)	≤ 5 /cage		≤4/cage at maturity	≤ 2/cage at maturity			≤3/cage at maturity				≤5 /cage
Biosecurity (level)	PC2						BC5.2			Conventional/non-PC rated	
Lighting (type, schedule and intensity)	12L:12D		13L:11D								

GM500: Tecniplast Greenline Individual Ventilated Cage
GR1800DD: Tecniplast Greenline Individual Ventilated Cage Double Decker

OptiRat: Animal Care Systems Exhaust Ventilated Cage
Open Top