

**Translational Research Institute Biological Research Animal Facility (TRI BRF)**

The TRI BRF is a large, clean conventional rat and mouse facility located in the TRI building beside the PA Hospital. It was commissioned in early 2013, has research, holding and production facilities for a range of animal models and utilises IVC caging technology.

Room/Location	1006	1007	1005	1004	1003	1002	1077	1076	1074	1009	1075	
<b>Animal species housed</b>	Mouse										Rat	
<b>Cage/tank/housing system (type and dimensions)</b>	IsoCageN, Open Top, GM500		GM500				GM500	GM500		GR1800DD		
<b>Cage floor area</b>	iCN:468 cm2, OT:442cm2, GM: 501cm2		501 cm2						1862cm2			
<b>Food</b>	Envigo Diet T2019S.15, Autoclaved		Specialty Feeds Rat and Mouse Cubes ( SF00-100 ) (Irradiated)									
<b>Water</b>	Autoclaved RO water		RO water that is chlorine treated									
<b>Additional food enrichment or supplements</b>	NA	NA	Autoclaved Black Sunflower Seeds, SF00-100 Powdered Mash (Irradiated)									
<b>Bedding</b>	1/4 Inch Corn Cob bedding - Autoclaved											
<b>Nesting material</b>	Pura: Crinkle Brown Nesting Material											
<b>Additional nesting/home cage enrichment</b>	Cotton cocoons, Paper huts, chew sticks wooden											
<b>Temperature and humidity parametres</b>	Enviromental only		~22oC, {50-70 RH}									
<b>Sanitation (frequency of cage/tank water changes, material transferred, water quality)</b>	Cages ~14 days  Water ~ 7 days		cages=14days, automatic watering tank quality checked 3 x P/W, flushed daily, annual service							Cages = 7 days, automatic watering tank quality checked 3 x P/W, flushed daily, annual service		
<b>Social environment (group size and composition/stocking density)</b>	≤5 /cage (not including unweaned pups)										≤3/cage at maturity	
<b>Biosecurity (level)</b>	PC2											
<b>Lighting (type, schedule and intensity)</b>	12L:12D											

GM500: Tecniplast Greenline Individual Ventilated Cage

GR1800DD: Tecniplast Greenline Individual Ventilated Cage Double Decker

IsoCage N: Tecniplast Biocontainment Cage

Open Top