

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 |
|---|--|------|--|------|------|------|-------|------------------|------|--|---------------------|
| Animal species housed | Mouse | | | | | | | | | | Rat |
| Cage/tank/housing system (type and dimensions) | IsoCageN, Open Top, GM500 | | GM500 | | | | GM500 | GM500 | | GR1800DD | |
| Cage floor area | iCN:468 cm ² , OT:442cm ² , GM: 501cm ² | | 501 cm ² | | | | | | | 1862cm ² | |
| Food | Envigo Diet T2019S.15, Autoclaved | | Specialty Feeds Rat and Mouse Cubes (SF00-100) (Irradiated) | | | | | | | | |
| Water | Autoclaved RO water | | RO water that is chlorine treated | | | | | Bottled RO water | | RO water that is chlorine treated | |
| Additional food enrichment or supplements | NA | NA | Autoclaved Black Sunflower Seeds, SF00-100 Powdered Mash (Irradiated) | | | | | | | | |
| Bedding | 1/4 Inch Corn Cob bedding - Autoclaved | | | | | | | | | | |
| Nesting material | Pura: Crinkle Brown Nesting Material | | | | | | | | | | |
| Additional nesting/home cage enrichment | Cotton cocoons, Paper huts, chew sticks wooden | | | | | | | | | | |
| Temperature and humidity parametres | Enviromental only | | ~22oC, {50-70 RH} | | | | | | | | |
| Sanitation (frequency of cage/tank water changes, material transferred, water quality) | 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 | |
| Social environment (group size and composition/stocking density) | ≤5 /cage (not including unweaned pups) | | | | | | | | | | ≤3/cage at maturity |
| Biosecurity (level) | PC2 | | | | | | | | | | |
| Lighting (type, schedule and intensity) | 12L:12D | | | | | | | | | | |

GM500: Tecniplast Greenline Individual Ventilated Cage

GR1800DD: Tecniplast Greenline Individual Ventilated Cage Double Decker

IsoCage N: Tecniplast Biocontainment Cage

Open Top