



STANDARD OPERATING PROCEDURE

Updated: 01-02-2022 Valid upto 01-08-2022

MORRIS WATER MAZE

Standard Operating Procedure

1. Fill tank with tap water (22C +/- 1°C; monitor with thermometer and adjust temperature as necessary) to a depth of about 40 cm (measured from the base of the tank).
2. Add 500 ml of non-toxic, white paint (Tempera) to the water during filling, Stir paint/water as necessary to ensure that the water is opaque.
3. Place platform in the pool away from the pool wall (this will ensure there is no escape from the tank).
4. The water level should be approximately 2 cm above the platform.
5. Place the rat to be examined and record the time taken to reach platform and also route
6. After one rat trial over, use a sieve or small mesh net to scoop out any fecal pellets that may be floating.
7. After completion of the last trial, remove rat from the escape platform and towel dry. Place in an empty cage on dry paper towels.
8. Once a week drain all water from the pool, using the valve at bottom of pool. Full water changes may be required more often when in regular use.
9. Spray pool walls and floor with a disinfectant. Brush down with a scrub brush and then rinse with water, Fill pool as per Pool Preparation above.

Prepared by: Shri Shridharkumar. S. Biradar

Checked by: Dr. V P Patil

Approved by: Dr. Shivakumar Hugar