

## ROTOXKIT F

### FRESHWATER rotifer Toxicity TEST



24 h mortality test with the freshwater rotifer *Brachionus calyciflorus*

Conform with ISO Standard 19827

The ROTOXKIT F contains all the materials to perform **six acute toxicity tests**

The test organisms are included in the kit as **cysts** (dormant eggs) which can easily be hatched on demand in less than 20 h, to supply the live biota for the conduct of the toxicity test

Standardised and culture-independent small-scale bioassays with the freshwater rotifer *Brachionus calyciflorus*

ROTOXKIT F applicable for toxicity screening of chemicals - effluents - sediment pore waters and elutriates - surface and groundwaters - wastewaters and other research applications



## 24 h Freshwater Rotifer Toxicity Test For Toxicity Screening of

Chemicals - Effluents - Sediment pore water and elutri-  
ates -

### CONTENTS OF THE ROTOXKIT F

The ROTOXKIT F contains all materials to perform six complete acute toxicity tests with the freshwater rotifer *Brachionus calyciflorus*

- Tubes with cysts, concentrated hatching and toxicant dilution medium, hatching and test containers and micropipettes for the transfer of the organisms
- Detailed Standard Operating Procedure, data scoring sheets
- Quality Control specification sheet

#### REPRODUCIBILITY

#### COST-EFFECTIVENESS

#### USER-FRIENDLINESS

- Cysts can be hatched on demand, eliminating the cost of continuous culturing and maintenance of test organisms.
- Cysts of high quality produced in strictly controlled conditions preclude variability associated with recruitment/maintenance of live stocks in conventional bioassays.
- Shelf life of cysts is guaranteed for several months when stored properly, reducing test scheduling constraints.
- The Rotoxkit F has easy to follow instructions for the conduct of the toxicity test.
- Minimal equipment and space is needed for the test performance: dissection microscope - incubator with lights - conventional laboratory glassware.

#### SENSITIVITY

#### VALIDATION

- The Rotoxkit F is used in many environmental laboratories and research institutes worldwide.
- The ROTOXKIT F strictly adheres to the protocols for regulatory testing prescribed by international organisations; ISO Standard 19827.
- A substantial number of publications, posters, reports and reviews can be found on [www.microbiotests.com](http://www.microbiotests.com)