

## ARTOXKIT M

### ARTEMIA Toxicity TEST



24 h mortality test with the marine crustacean *Artemia franciscana* (formerly named *Artemia salina*)

The ARTOXKIT M 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 30h, to supply the live biota for the conduct of the toxicity test

Standardised and culture-independent small-scale bioassays with the marine crustacean

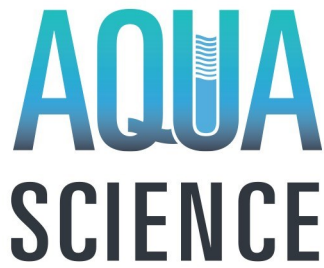
*Artemia franciscana*



ARTOXKIT M applicable for toxicity screening of chemicals

- contaminated coastal and estuarine waters
- effluents or elutriates with high conductivity values
- biotoxins
- marine sediment pore waters and elutriates and other research applications





# ARTOXKIT M

**24 h Artemia Toxicity Test For Toxicity Screening of**  
Chemicals - Contaminated Coastal and Estuarine waters -  
Effluents or Elutriates with high conductivity values - Biotoxins -  
Marine Sediment pore waters and elutriates

## CONTENTS OF THE ARTOXKIT M

The ARTOXKIT M contains all materials to perform six complete acute toxicity tests with the marine crustacean *Artemia franciscana*.

- 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 Artoxkit M 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

- One of the most euryhaline test species which allows to perform bioassays on waters in salinity ranging from 10 ppt (brackish water) to 35 ppt (seawater).
- The ARTOXKIT M is used in many environmental laboratories and research institutes worldwide for standardised screening of environmental samples and chemicals in a regulatory framework.
- A substantial number of publications, posters, reports and reviews can be found on [www.microbiotests.com](http://www.microbiotests.com)