

Microbiotests TOXKITS are used for research and toxicity monitoring for a variety of applications. The test species and the test protocols are the same as in many standardised toxicity tests.

The dormant or immobilized test species can be stored for months and "activated" (= hatched, de-immobilised or germinated) at the time of the performance of the assays.



FRESHWATER/WASTEWATER

Tests with crustaceans

Daphtoxkit F

- 24-48h mobility inhibition test with *Daphnia magna*
- Conform with ISO Standard 6341 and OECD Guideline 202

Thamnotoxkit F

- 24h mortality test with *Thamnocephalus platyurus*
- Conform with ISO Standard 14380

Ceriodaphtokxit F

- 24h mortality test with *Ceriodaphnia dubia*
- Adheres to test method US EPA 2002.0

Tests with ciliated protozoans

Protoxkit F

- 24h growth inhibition test with *Tetrahymena thermophila*
- Standardised screening method

Test with micro-algae

Algaltoxkit F

- 72h growth inhibition test with *Pseudokirchneriella subcapitata*
- Conform with ISO Standard 8692 and OECD Guideline 201

Tests with higher aquatic plants

Duckweed Toxkit F

- 72h growth inhibition test with *Spirodela polyrhiza*

Test with Rotifers

Rotoxkit F

- 24h mortality test with *Brachionus calyciflorus*
- Conform with ISO Standard 19827

Rotoxkit F Chronic

- 48h reproduction test with tests with ciliated protozoans
- Conform with ISO Standard 20666

SEAWATER / ESTUARIES

Tests with micro-algae

Algalexkit M

- 72h growth inhibition test with *Phaeodactylum tricornutum*
- Conform with ISO Standard 10253

Tests with rotifers

Rotalexkit M

- 24-48h mortality test with *Brachionus plicatilis*
- Conform with ISO Standard 19820

Tests with crustaceans

Artoxkit M

- 24h mortality test with *Artemia franciscana*
- In current use in several countries as a recommended acute toxicity test

SEDIMENTS / SOILS/ SOLID WASTES

Tests with terrestrial plants

Phytotoxkit Solid Samples

- 72h germination and root growth inhibition test with seeds of 3 higher plants
- Conform with ISO Standard 18763

Phytotoxkit Liquid Samples

- 72h germination and root growth inhibition test with seeds of 3 higher plants.
- Conform with ISO Standard 18763

Test with crustaceans

Ostracodtoxkit F

- 6 days mortality and growth inhibition test with *Heterocypris incongruens*
- Conform with ISO Standard 14371

RAPID TEST

Tests with crustaceans

Rapidtoxkit f Thamno

- 1 hr particle inhibition test with *Thamnocephalus platyurus*
- Conform with ISO Standard 14380



Our Knowledge...Your Confidence

250 Corporate Boulevard, Suite K
Newark, DE 19702
Tel: 302-214-3916
email: info@aqua-sci.com

www.aqua-sci.com