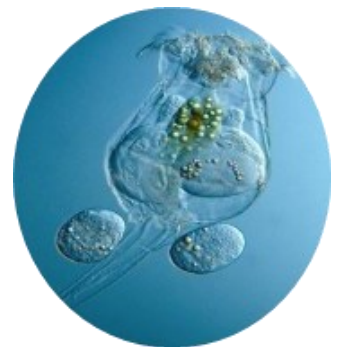
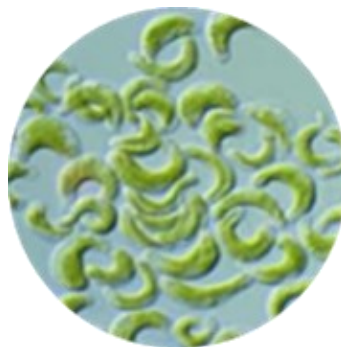
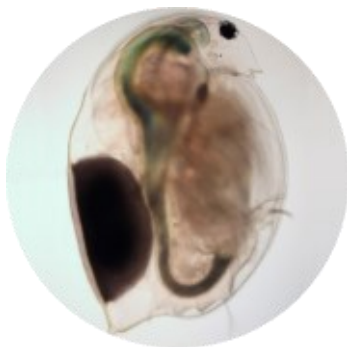


# MICROBIOTESTS

SOLUTIONS FOR ENVIRONMENTAL TOXICITY TESTING



## TEST BIOTA



[www.microbiotests.com](http://www.microbiotests.com)

Microbiotests provides a wide range of aquatic and terrestrial test biota that can be used for standardised and culture-independent toxicity testing , bioassay services, or for other research applications.

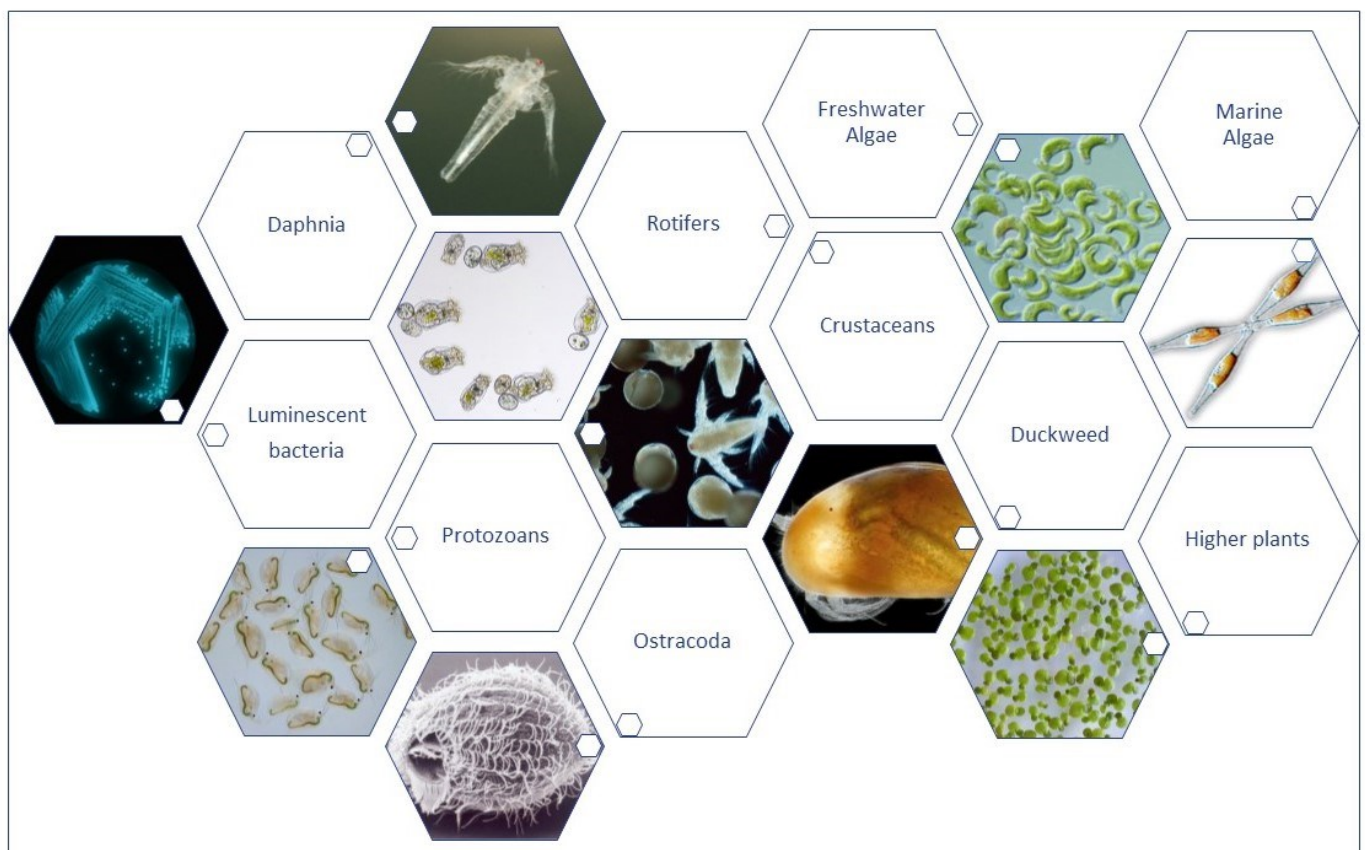
These freshwater, marine and estuarine biota can also be used as starter culture to maintain live stocks or as back-up in the culturing facility of environmental laboratories and institutes.

Many of these test species are identical to the test organisms used in international Standards and Guidelines for environmental toxicity testing and chemical risk assessment (ISO, OECD, ASTM, US EPA).

Various freshwater and marine organisms are available : luminescent bacteria, daphnia, algae, rotifers, crustaceans, protozoans, macrophytes (duckweed) and higher plants.

The test biota are not provided as living cultures as such, but as dormant or immobilised test species that can be stored for months and activated (= hatched, de-immobilised or germinated) at the time of the performance of the ecotoxicological bioassays.

Depending on the test species we guarantee a shelf life of the biological material up to 6 months.



# TEST BIOTA

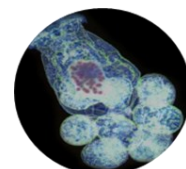
## Ciliate stocks

- TB11 5 vials with *Tetrahymena thermophila*  
(freshwater tests)  
Standard or Guideline :  
Standardized protocol for toxicity testing / OECD method

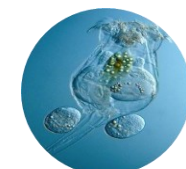


## Rotifer cysts

- TB21 10 tubes with *Brachionus calyciflorus* cysts  
(freshwater tests)  
Standard or Guideline : acute : ISO 19827 , chronic : ISO 20666

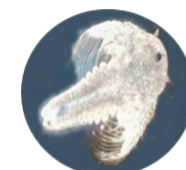


- TB22 10 tubes with *Brachionus plicatilis* cysts  
(estuarine/marine tests)  
Standard or Guideline : ISO 19820



## Crustacean cysts / ephippia

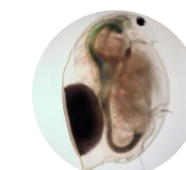
- TB31 10 tubes with *Thamnocephalus platyurus* cysts  
(freshwater tests)  
Standard or Guideline : ISO 14380



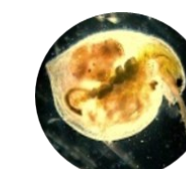
- TB32 10 tubes° with *Artemia franciscana* cysts  
(estuarine/marine tests) (° more than 20 tests per tube)  
Standard or Guideline :  
Standardized protocol for toxicity testing



- TB33 10 tubes with *Daphnia magna* ephippia  
(freshwater tests)  
Standard or Guideline :  
acute : ISO 6341, OECD 202, DIN 38412-L30  
chronic : ISO 10706, OECD 211



- TB35 10 tubes with *Ceriodaphnia dubia* ephippia  
(freshwater tests)  
Standard or Guideline :  
acute : US EPA 2002.0  
chronic : US EPA 1002.0, ISO 20665

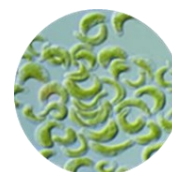


- TB36 10 tubes with *Heterocypris incongruens* cysts  
(freshwater sediment contact tests)  
Standard or Guideline : ISO 14371

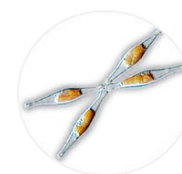


### Micro-algae stocks

TB41 5 tubes with *Selenastrum capricornutum* beads  
(syn. *Pseudokirchneriella subcapitata*)  
(freshwater tests) + de-immobilization medium  
Standard or Guideline : ISO 8692, OECD 201, DIN 38412-L33



TB42 5 tubes with *Phaeodactylum tricornutum* inoculum  
(estuarine/marine tests)  
Standard or Guideline : ISO 10253



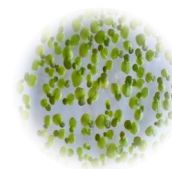
### Phytotoxkit/Phytotestkit seeds

TB61 10 tubes with Sorgho seed (*Sorghum saccharatum*)  
TB62 10 tubes with garden cress seed (*Lepidium sativum*)  
TB63 10 tubes with mustard seed (*Sinapis alba*)  
Standard or Guideline : ISO 18763, ISO 11269-1, OECD 208



### Duckweed turions

TB73 5 tubes with *Spirodela polyrhiza* turions  
Standard or Guideline : ISO 20227



### Luminescent bacteria of *Aliivibrio fischeri* (formerly named *Vibrio fischeri*)

BIO2006 BioLight Multi Test, Freeze Dried Bacteria (10 vials/box)  
BIO2007 BioLight Single Test, Freeze Dried Bacteria (50 vials/box)  
Standard or Guideline : ISO 11348-3



### Nothobranchius furzeri

TB81 100 embryonic diapause eggs of the African Turquoise Killifish:  
*Nothobranchius furzeri* strain 'GRZ'  
model organism in : ageing research, genomics, regenerative medicine,  
behavioural studies, developmental biology and ecotoxicology



**Microbiotests certifies the highest quality of the biological material produced.**  
**All test organisms are cultured in-house under strictly controlled conditions resulting in standardised organisms for reliable and standardized toxicity testing and other research.**

**Every single batch of test biota is subject to thorough internal quality control screenings and reference tests according to international standards and guidelines to guarantee the biological quality and viability of the test species.**



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