

ToxmateLab

MULTI-SPECIES ONLINE MONITORING



**Simultaneous multi-species
response analysis**

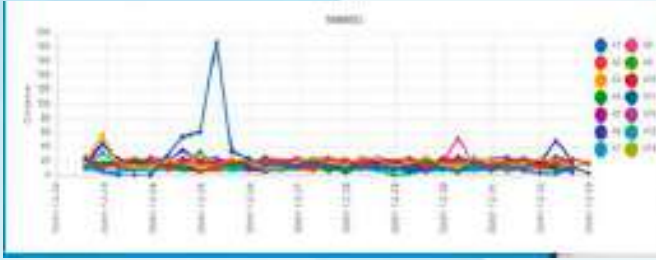


**Up to one month autonomous
and continuous monitoring**

Multi-species online monitoring

The ToxmateLAB is a brand new product developed by ViewPoint to monitor multi-species' behavioral response simultaneously in a specific environment and allows long term assays.

This apparatus has been designed to track and record behavioural outputs of small living organisms, in high throughput. As well as to analyze and measure the toxic properties and impact of a fluid on the behavior of small animals. Three powerful and precise cameras record continuously the activity of the animals in order to observe the tiniest and the most discreet behavior.



Applications : Drug Screening, toxicology, ecotoxicology, environmental ecotoxicology, parasitology, neuroscience ...

High-precision, incredible versatility : ToxmateLab can analyze and measure the impact of long-term exposure of subjects to toxic compounds. Several high definition cameras record and quantify automatically and continuously their behavioral response.

ToxmateLab is versatile offering a great flexibility and control beforehand and during the experiment.

High throughput analysis, Controlled environment :

ToxmateLab is composed of three independent panels, lighted with infrared, each containing 16 animals, offering up to 48 animals analyzed simultaneously. It can accept different sizing from 5 mm to 5 cm.

The ToxmateLab chamber allows you to fully control the experiment conditions such as light intensity, temperature, noise ...

A homogeneous circulation of liquids oxygenates the organisms for long-term experimentation through a consistent waterflow . Different experimental designs can be setup thanks to the 3 independent panels. All subjects can be under the same condition or rather, different ones in order to evaluate the locomotor activity with different scenarios : species/contaminants/concentrations

Multiple species for a wide spectrum of response and screening

Aquatic larvae insect (50000 species)

Larvae Amphibian : Rana, tadpoles



Amphipoda
Gammarus,
Eurhycus

Isopoda
Asellus

Gasteropod
Lymnea
radix

Annelid
worm,
leech

Others : mayfly, mosquito, termite, spider

PROVIDED SERVICES

Update

All updates are compatible. You can constantly improve your research.

Training

Provided with an on-site training. All the users will know how to get the best from our solution.

Remote support

Constant remote support available. We can quickly provide assistance, diagnose, and fix any issue.

Worldwide coverage

Worldwide offices. From protocol setup to assistance or maintenance, you are not alone.