



The Next Generation of Toxicity Testing

**VERSATILE
MODERN
AFFORDABLE**

The Aqua Science BioLight Toxy along with the BioLight Reagents and Consumables brings rapid toxicity testing to the 21st Century.

It offers the most up to date, dual option instrument available for bioluminescent analysis in the market. This is a result of matching a team of experts in ecotoxicity to fulfill the needs of toxicity users around the world

**AQUA
SCIENCE**

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The BioLight Toxy is a versatile system designed to be used interchangeably as a field portable or bench top instrument. The portable mode makes field testing a fast and reliable way to screen samples for acute toxicity, in less than 20 minutes, with easy to use protocols built in. The bench top mode provides a wide variety of additional protocols and features available on the instrument, including cooling to meet all requirements of the ISO 11348 and NMX-AA-112-SCFI-2017.

The BioLight Toxy measures the light levels of *Aliivibrio fischeri* to determine the toxicity of a sample. Results are reported in % effect or EC50 (effective concentration 50%) which can be easily converted to UT (Unity of Toxicity) the unit required by the New Norm 001.

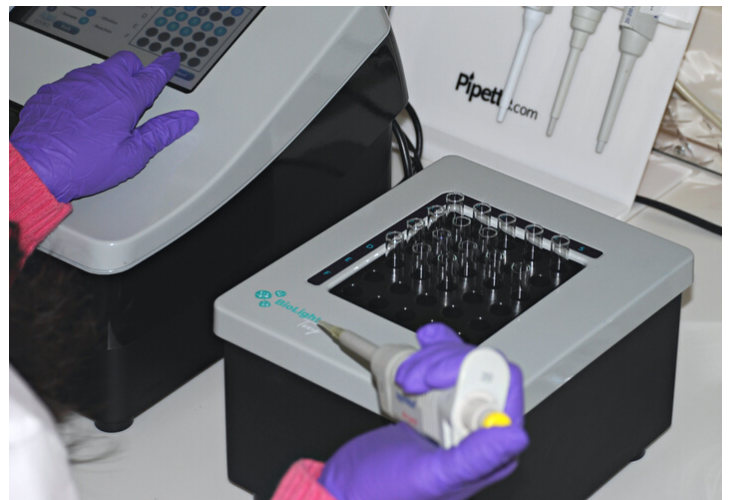
Using the BioLight Toxy along with Aqua Science BioLight Multi or Single Reagents and consumables provides testing that can screen over 3,600 chemical compounds simultaneously, and also detect synergistic toxicity

BioLight Test Results

| | |
|------------------------|--|
| Protocol: | Quality Test |
| Method: | Zinc |
| BioLight Lot #: | AS10970422 |
| User: | admin |
| Description: | 2022/07/26/16:16-BL10970422_Zinc_Run1.SP |

| | |
|-----------------------------|----|
| Number of Controls: | 1 |
| Number of Dilutions: | 4 |
| Number of Samples: | 1 |
| Duplicates: | 2 |
| Incubation 1 (min): | 15 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| A | C | D | D | D | S | |
| B | R | R | R | R | R | |
| C | R | R | R | R | R | |
| D | | | | | | |
| E | | | | | | |
| F | | | | | | |



- **Versatile:** Modular bench-top and portable reader in one
- **Reliable:** State-of-the-art materials and components
- **Compatible:** Meets All ISO 11348-3 and NMX-AA-112-SCFI-2017 requirements
- **Effective:** High-quality build, matched with BioLight reagents to give customers an edge
- **Rapid:** Read time is <7 seconds
- **Value:** Most cost-effective offering in the industry
- **Convenience:** Local Maintenance and Technical Support Center.