

AQUA SCIENCE

BIO LIGHT AliiVibrio Fischeri Reagent

BioLight reagents are manufactured using the marine bacterium AliiVibrio fischeri which has bioluminescent properties found predominantly in symbiosis with various marine animals.



This strain of bioluminescent bacteria has been proven for more than 30 years use in biological monitoring and is specifically formulated for rapid toxicity testing

How it Works:

BioLight bioluminescent bacteria (reagent) is used for acute toxicity testing. It is freeze dried for extended life then stored frozen at -20 to -25 C and is reconstituted before use. A single vial of reagent contains approximately one hundred million cells. The sample is salinity adjusted to ensure a saltwater atmosphere due to Aliivibrio fischeri being a marine bacterium. Diluent is used for dilutions as required for the test protocol.

The bacteria elicits the brightest light levels following reconstitution. These light levels are measured prior to sample exposure and over time after exposure to a sample, using a luminometer. The luminometer measures the changes in the light to indicate the levels of toxicity.

BioLight Reagents are produced and tested under strict Quality Control and will include a Quality Certificate as per requirements of the International Standard Organization, ISO 11348-3.

Our Knowledge...Your Confidence

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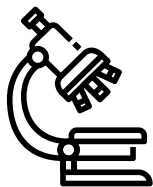
BioLight®

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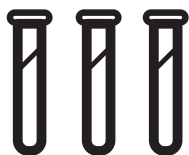


BioLight Luminometer



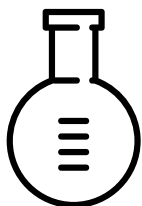
Part No. BIO2019L BioLight Toxy - Bench Top
Part No. BIO2018P BioLight Toxy - Portable

BioLight Reagent



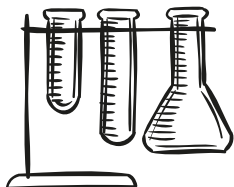
Part No. BIO2006 BioLight Multi test, Freeze Dried Bacteria (10 vials/box)
Part No. BIO2007 BioLight Single test, Freeze Dried Bacteria (50 vials/box)

BioLight Consumables



Part No. BIO2001 BioLight Recon (50 ml)
Part No. BIO2002 BioLight Diluent (1 L)
Part No. BIO2003 BioLight Solid Matrix Diluent (1 L)
Part No. BIO2004 BioLight Salinity Adjusting Solution (50 mL)
Part No. BIO2005 BioLight Recon (1 L)
Part No. BIO2017 Tri-Salt Diluent (1 L)

BioLight Accessories



Part No. BIO2015A Disposable Glass Cuvettes (200)
Part No. BIO2016A Disposable Glass Cuvettes (1000)
Part No. RAW1035 10 – 100 uL Pipet Tips
Part No. RAW1036 100 – 1000 uL Pipet Tips
Part No. BIO2011 Solid Phase Matrix Filter Columns and Tubes

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