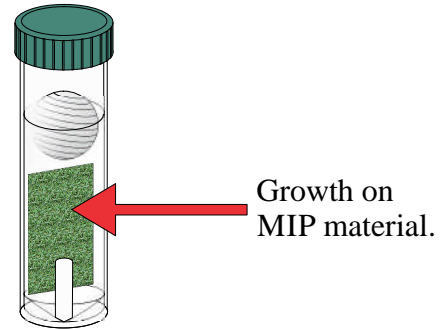
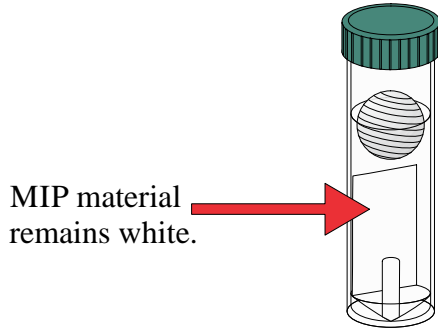


# BART™ TEST FOR ALGE2

**Present/Absent - observe a daily for reaction.**

**ABSENT**  
(Negative - Non-aggressive)

**PRESENT**  
(Positive - Aggressive)



1. View test daily for reaction for six (6) days.
2. Observe any green growths on any ball.
3. Compare with descriptions below.

\*Note: Refer to page bottom for approximate population

## Advanced test information.

### Determination of Dominant Bacteria



**GREEN(GG)** growth on MIP  
- *Chlamydomonas*.



**BRIGHT GREEN FUZZY(FG)**  
patches of growth on MIP  
- *Chlorophyceae*.



**RED, ORANGE, or BROWN(OB)**  
patches of growth on MIP  
- *Diatoms & Desmids*.



**LIGHT YELLOW to BEIGE(YB)**  
patches of growth on MIP  
- *Scenedesmus*.



**GREEN(GF)** deposits floating  
in water and/or on floor of test  
- *Chlorella*.



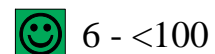
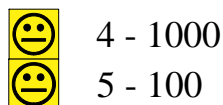
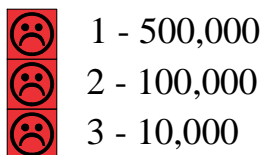
**DARK-GREEN, BLUE-GREEN, or BLACK(DG)** growths on MIP  
- Blue-Green Algae (*Cyanobacter*).

### Determination of Potential ALGAE Population - observe daily for reaction.

**Aggressive**

**Moderate**

**Not Aggressive**



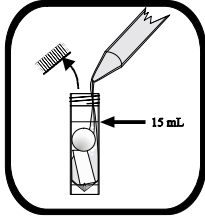
Made in Canada  
© 2019 Droycon Bioconcepts Inc.  
BART™ is a Trademark of DBI  
Patent Pending 29/592,676

# ALG2-BART™

For water and soils

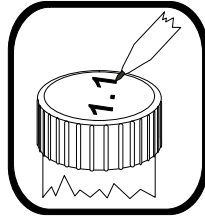
The fast reacting ALG2-BARTs contains a MIP (Microbiological Interactive Platform) and dehydrated medium. Add water sample until the water reaches the top of the textile or fill line. The algae grows on the MIP. Nutrients to support algal growth diffuse into the water sample from dehydrated medium deposits in the base of the tube.

Algae include various plant-like microorganisms, which can photosynthesize using light as the energy source for growth. Several types of algae can grow in the ALG2-BARTs, including: Grass-Green Algae (*Chlorophyceae*), Blue-Green Algae (*Cyanobacteria*), Desmids, Diatoms, and Euglenoids. The ALGE-BART can be used as a simple presence/absence (P/A) test capable of indicating, to some extent, the population size and the types of algae present in the sample.

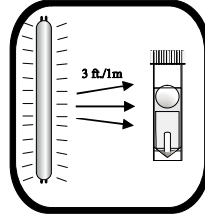


1. Aseptically pipette 15 ml of sample into the inner tube until the level reaches the fill line.

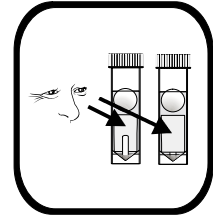
*Note: After removing the cap from the inner tube, set it down directly on a clean surface. To avoid contamination, do not invert the cap.*



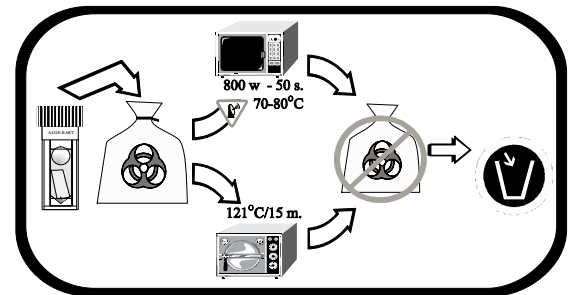
2. Label the tube with the date and sample origin.



3. Illuminate the BART tube using fluorescent lighting (1-40 watt bulb at 2 feet or 0.5 meter) and allow to incubate at room temperature.



4. Observe both side of the MIP visually for reaction daily.



5. Safely dispose using a dedicated microwave oven or by autoclave.

## Certificate of Analysis

This certificate confirms that the BART™ product listed by name, lot number, and batch number has been subjected to the full range of Quality Control procedures as outlined in "User Quality Control Manual in support of the BART Biodetection Technologies" published in 2002 by Droycon Bioconcepts Inc.

BART™ Type: ALGE-BART

Batch #:

Release date\*:

Lot#:

Shipment date:

Expiry date:

\* Approval for release includes the following criteria: 1. confirmation of sterility for the vials and caps, 2. approval of the medium as being appropriately formed and acceptable, 3. is sterile, and 4. responds in a typical way to inoculation and incubation using selected defined microbial cultures. Details of these criteria are included in our Web Site.

This certificate confirms that the batch of the BART™ biodetectors listed have satisfactorily passed the QC screening procedures and were approved for release on the date given above

*Certificate Number:*

This certificate was issued by Droycon Bioconcepts Inc., 315 Dewdney Ave., Regina, SK., Canada, S4N 0E7 as an assurance that the product listed above has passed through the quality control procedures considered essential to the successful use of the testing device.



ISO 9001:2000  
Compliant

For more information, visit our web-site at:  
<http://www.DBI.ca>