

# Biological Activity Reaction Test (BART) KITS

## Slime-forming Bacteria

### DESCRIPTION

Geoquip is proud to offer a definitive test for the detecting Slime-forming bacteria with our **Biological Activity Reaction (BART) Testing kit**.

SLYM-BARTs can be used as a P/A test capable of indicating to some extent the possible population size and the types of slime-forming organisms present in the water sample. Slime-forming bacteria are able to produce copious amounts of slime without necessarily having to use any iron. Iron bacteria also produce slime but usually it is thinner and involves the accumulation of various forms of iron.

Slime-forming bacteria generally produce the thickest slime formations under aerobic (oxidative) conditions, which develop around the floating ball. Growth may be recognized as a cloudy or gel-like growth, which can be localized or occur throughout the sample. These growths are usually white, grey, yellow, or beige in colour and can darken over time.



- **Patented:** BART kits utilize a proprietary testing reagent to deliver highly accurate results.
- **Affordable:** Laboratory quality results at an affordable price.
- **Field Ready:** Small, lightweight, and highly portable, BART kits are designed to be used in the field.
- **Rapid Results:** Receive your results within 8 days or less.

### Eliminate the Guesswork

### Establish the Bacterial Type and Severity

### Develop a Targeted Treatment

### Verify Treatment Effectiveness

### Determine Maintenance Intervals

### ALSO AVAILBALE:



**Sulfate Reducing Bacteria SRB Biological Activity Reaction (BART) Test**



**Iron Related Bacteria IRB Biological Activity Reaction (BART) Test**



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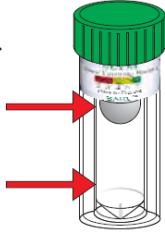
# Biological Activity Reaction Test (BART) KITS Slime-forming Bacteria

**Overview**

**Present/Absent - observe daily for 8 days.**

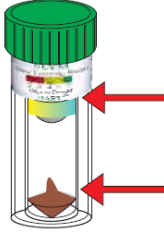
**ABSENT**  
(Negative - Non-aggressive)

The solution remains clear (not cloudy) with NO slime or glowing under U.V.



**PRESENT**  
(Positive - Aggressive)

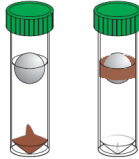
Cloudy solution, Glowing ring around ball under U.V. Light, and/or Slime growth at base of tube.



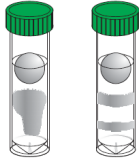
1. View test each day for 8 days.
2. Observe any growths/color changes.
3. Compare with description(s).

**Advanced test information.**


Determination of Dominant Bacteria




**DENSE SLIME(DS)**  
in base or  
**SLIME RING(SR)**  
around ball-  
Dense Slime  
Bacteria.




**CLOUDY(CL)**  
growth or **LAYERED  
PLATES(CP)**- Slime  
Forming Bacteria.



**PALE BLUE  
GLOWING(PB)**  
around ball(U.V.  
light) - Fluorescing  
Pseudomonads.






**BLACKENED  
LIQUID(BL)** -  
Pseudomonads  
and Enterics.



**THREAD-LIKE  
STRANDS(TH)**  
- Tight Slime  
Bacteria.

**Determination of Potential SLYM Population - observe daily for reaction.**

Days to reaction - Approximate SLYM Population (cfu/mL)

	1 - 1,750,000 2 - 440,000 3 - 67,000		4 - 13,000 5 - 2500 6 - 500		7 - 100 8 - <20
Aggressive		Moderate		Not Aggressive	



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