

Biological Activity Reaction Test (BART) KITS Sulfate Reducing Bacteria

DESCRIPTION

Much like the test for Iron Bacteria, this Biological Reaction Activity Test (BART) for Sulfate-Reducing Bacteria makes determining the presence of sulfate-reducing bacteria easy.

Collect a water sample from the well in question and pour it into the BART testing vial. Observe the vial for a period of eight days. The SRB BART test will display a positive result when there is foam produced and/or a black ring develops around the interior vial of the testing tube.

Depending on how quickly a reaction is observed, this provides you with an indication of the bacterial count within the water sample. For example, if a reaction is observed within one day of starting the test, the bacteria count is high with a reading equal to, or greater than, 2,200,000 CFU/ml (colony forming unit). Additionally, if no reaction is seen within 6 days, the bacteria count is equal to 1400 CFU/ml. A negative test has no black color, no color, and no clouding within 9 days.

The SRB BART kit instructions include an easy to decipher chart that can be used for determining the bacterial count of your sample.



- **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 15 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



Slime Forming Bacteria SLYM Biological Activity Reaction (BART) Test



Geoquip Water Solutions Limited

Unit 7, Sovereign Centre
Farthing Road Industrial Estate
Ipswich, IP1 5AP, ENGLAND

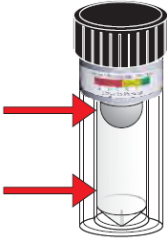
TEL: + 44 (0)1473 462046
EMAIL: info@geoquipservices.co.uk
www.geoquipwatersolutions.com

Biological Activity Reaction Test (BART) KITS

Sulfate Reducing Bacteria

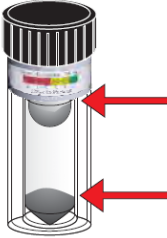
Overview

ABSENT
(Negative - Non-aggressive)



The solution has **NO** black slime.

PRESENT
(Positive - Aggressive)

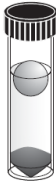


A **Black** slime ring beneath the ball,
and/or
A **Black** slime growth at the base of tube.


1. View test each day for up to 15 days.
2. Observe any growths/color changes.
3. Compare with description(s).

Advanced test information.


Determination of Dominant Bacteria




BLACK only in BASE(**BB**) - Dense anaerobic SRB consortium.



BLACK only around BALL/TOP(**BT**) - Aerobic SRB consortium.






BLACK in BASE and around BALL - Combination of aerobic(**BT**) and anaerobic(**BB**) SRB.



Solution CLOUDY - Anaerobic bacteria present.

Determination of Potential SRB Population - observe daily for reaction.

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

 <p>1 - 2,200,000</p> <p>2 - 500,000</p> <p>3 - 115,000</p> <p>4 - 27,000</p> <p>5 - 6000</p>	 <p>6 - 1400</p> <p>7 - 325</p> <p>8 - 75</p>	 <p>9 - 20</p> <p>10 - 5</p> <p>11 - <1</p>
Aggressive	Moderate	Not Aggressive



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