

Biological Activity Reaction Test (BART) KITS

N - Nitrifying Bacteria

DESCRIPTION

Nitrifying bacteria recycle organic nitrogenous materials from ammonium (the endpoint for the decomposition of proteins) to nitrates. In water, aggressive nitrifiers can produce high concentrations of nitrates.

Nitrates in water can be a potential health risk, particularly to infants who have not yet developed a tolerance to nitrates. Aggressive nitrifying bacteria in waters may indicate the latter stages of aerobic degradation of nitrogen-rich organic matter.

This can indicate that the water may have been polluted by nitrogen-rich organics from sources such as compromised septic tanks, sewage systems, industrial and hazardous waste sites and is undergoing an aerobic form of degradation.



- **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



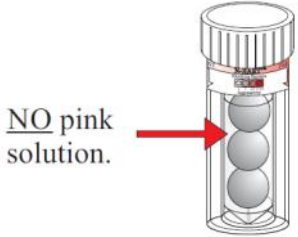
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Overview

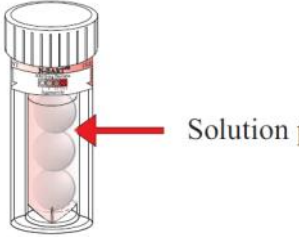
Present/Absent - observe at day 5.

ABSENT
(Negative - Non-aggressive)



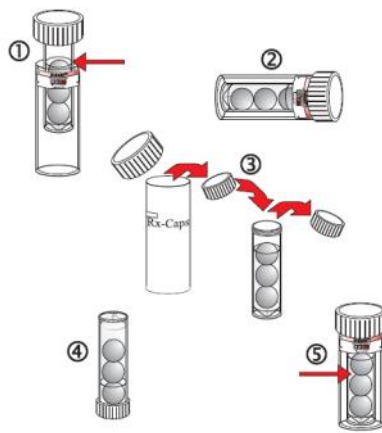
NO pink solution.

PRESENT
(Positive - Aggressive)

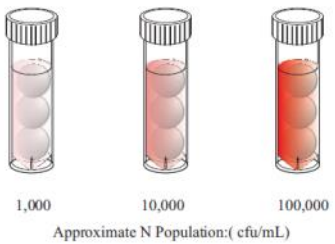


Solution pink.

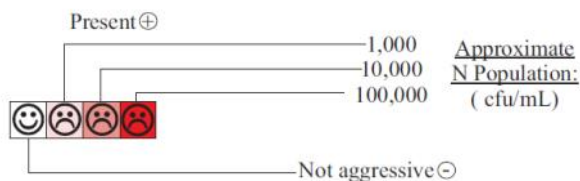
N-BART Instructions.



1. Remove inner vial and add water sample to fill line.
2. Replace inner vial and place on side for 5 days.
3. On day 5 of test remove the inner test vial from the outer and replace cap with cap from Rx tube.
4. Invert tube for 3 minutes and return upright to outer tube.
5. After 3 hours observe for pink color change.



Determination of Potential N Population - observe daily for reaction.



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