



Sample: Potable or nonpotable water.

Method: Biological Activity Reaction Test (BART) – a selective, enrichment culture system for iron-related, sulfate-reducing, and slime-forming bacteria (IRB, SRB, SLYM).

Collection:

1. Use a 100 mL collection bottle containing sodium thiosulfate neutralizer. One bottle (100 mL) is sufficient for three BART tests (IRB, SRB, SLYM).
2. Potable water: turn on hot or cold water outlet and fill a 100 mL collection bottle. Cap lid tightly and invert bottle to mix neutralizer.
3. Nonpotable water: submerge an open collection bottle just under the surface of the water and collect 100 mL of water. Cap lid tightly and invert bottle to mix neutralizer.

Shipping:

1. Clearly label each sample with a Sample Number and complete the Chain of Custody (COC). Use Analysis Code BART when ordering.
2. Place each sample in its own Ziploc bag and then in a box with sufficient packing material to keep samples from shifting during transport.
3. Place completed COC form in box.
4. Ship samples overnight at ambient temperature Monday through Friday for receipt within 24 hours of collection. Shipments on Fridays must be sent by Priority Overnight Saturday Delivery.

Sample Non-conformances:

- Sample shipped over a weekend
- >30 hours from collection to analysis time