

INSTRUCTIONS FOR  
**Micro Tester Pro-IRB**

A positive Iron Bacterial presence is indicated by the development of RUST color at water-air interface. The RUST color may turn black because of further oxidation by dissolved oxygen. Presence of Slime Forming Bacteria capable of utilizing Iron is indicated when a black color develops in combination with a Slime plug and the Absence of a rust color.

1. **RINSE** the **SNAPPING CUP** 3 times with sample water.
2. **FILL** the **SNAPPING CUP** with the sample water.
3. **LET STAND 10** minutes to eliminate entrained air/suspended solids.
4. **Fill IRB AMPOULE** by snapping with pointed tip down under water in the **SNAPPING CUP**.
5. **GENTLY MIX** the ampoule contents until the powder dissolves.
6. **RECORD the start time** and label the ampoule with the necessary sample ID information.
7. **PLACE THE AMPOULE** in any 35°C/ 95°F environment.
8. **EXAMINE periodically the ampoule FOR COLOR ( SEE BELOW).**

If the <b>RUST</b> color develops in:	
Less than 24 hours	Extremely high levels
1 Day	High
2 Days	High to Moderate
3 Days	Moderate
4 Days	Light
5 Days	Trace
More than 5 Days	Very Trace to None