

Sulphate Reducing Bacteria (SRB) Test Kit

The test comprises a plastic tube containing buff coloured gel for the culture of sulphate reducing bacteria. The gel turns black in the presence of sulphides which are produced when sulphates are reduced by bacteria.

The degree of colour change, and the time taken gives a semi quantitative guide to the level of Bacteria in the sample

Method of Use

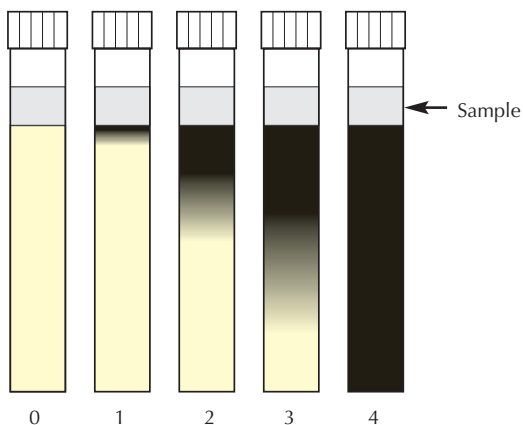
Add 2ml of sample to the tube.

Incubate at 30°C for up to 6 days. Inspect daily for the first three days.

No colour change after 6 days indicates a negative result.

The incubation temperature may be increased to match the temperature of the sampled system if required.

Interpretation of Results



Incubation Time (Days)

Figure

	1	2	3	4	5	6
0	-	-	-	-	-	NONE
1	High	Moderate	Moderate	Low	Low	Low
2	V.High	High	Moderate	Moderate	Low	Low
3	V.High	V.High	Moderate	Moderate	Moderate	Low
4	V.High	V.High	High	High	Moderate	Moderate

If a black line develops immediately, this may not indicate a positive reaction and the sample should be further incubated. The colouration spreading through the gel is an indication of the presence of SRB.

There are many factors that may influence the results obtained. The test results are a guide to the content of the sample and may not be representative of the system as a whole. Consequently, the manufacturer accepts no liability for any decisions or assessments made based upon the use of this test.

Disposal

Place opened tubes in strong disinfectant overnight, incinerate, or autoclave before disposal.

Storage

Store at room temperature (optimum 8-15°C) up to the marked expiry date. This product must be stored in its upright position.