
PRODUCT DATA SHEET

H2S TEST STRIP KIT

For rapid detection and confirmation of Salmonella and Citrobacter in potable water ☑ Easy to perform

☑ User-friendly

☑ Screening tests

☑ Low-cost rapid test

☑ Suitable for handling by untrained personnel for monitoring of rural drinking water sources

Kit contains

☑ Glass vial containing H2S test strip

*Store in a dry place, below 25°C and protect from direct Sunlight.

Instructions for use

Carefully open the bottle cap and fill the water sample up to the arrow mark. Quickly re-cap the test bottle and secure it tightly. Shake gently for few minutes to allow the medium to diffuse in water evenly. Incubate at 32 - 37°C for 18 - 48 hours and take observation.

Observation Broth colour turns to black from initial light amber colour ☑ Salmonella present Water is not suitable for drinking

Principle There is a need for rapid methods to quickly determine the pathogenic bacteria in water other than coliforms. Monitoring microbiological quality of drinking water also needs examination of water samples for presence of bacterial like Salmonella and Citrobacter freundii using rapid kits. H2S test strip kit contains media-impregnated paper strip containing all the essential nutrients for the growth of Salmonella and Citrobacter freundii. Presumptively, presence of these bacteria is indicated by H2S production, resulting in colour change of broth to black from initial light amber colour.

Microbiological parameters (Growth promotion test) Culture characteristics observed after inoculation (10-100 CFU) and incubation at 32 - 37°C for 18 ☑ 48 hours.

Mail us : To get H2s discounted price --- mail@rxmarine.com

Test strains

Salmonella typhimurium

Citrobacter freundii

Escherichia coli

Stock Point

Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
UN Proper shipping name	Not Applicable
Transport Hazard Class	Not Applicable
Transport Hazard Subrisk	Not Applicable
Packing group	Not Applicable
Environmental hazard	Not Applicable
Special precautions for user : -	Hazard identification (Kemler) : Not Applicable
	Classification code : Not Applicable
	Hazard Label : Not Applicable
	Special provisions : Not Applicable
	Limited quantity : Not Applicable
	Tunnel Restriction Code : Not Applicable

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
UN Proper shipping name	Not Applicable
Transport Hazard Class	ICAO/IATA Class : Not Applicable
	ICAO / IATA Subrisk : Not Applicable
	ERG Code : Not Applicable
Transport Hazard Subrisk	Not Applicable
Packing group	Not Applicable
Environmental hazard	Not Applicable
Special precautions for user : -	Special provisions : Not Applicable
	Cargo Only Packing Instructions : Not Applicable
	Cargo Only Maximum Qty / Pack : Not Applicable
	Passenger and Cargo Packing Instructions : Not Applicable
	Passenger and Cargo Maximum Qty / Pack : Not Applicable
	Passenger and Cargo Limited Quantity
	Packing Instructions : Not Applicable
	Passenger and Cargo Limited
	Maximum Qty / Pack : Not Applicable

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
UN Proper shipping name	Not Applicable
IMDC Class	Not Applicable
IMDG Subrisk	Not Applicable
Packing group	Not Applicable
Environmental hazard	Not Applicable
Special precautions for user : -	EMS Number : Not Applicable
	Special provisions : Not Applicable
	Limited Quantities : Not Applicable

Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN	Number	Not Applicable
UN	Proper shipping name	Not Applicable
Transport	Hazard Class	Not Applicable
Transport	Hazard Subrisk	Not Applicable
Packing	group	Not Applicable
Environmental	hazard	Not Applicable
Special precautions for user	: -	Classification code : Not Applicable
		Special provisions : Not Applicable
		Limited quantity Not : Applicable
		Equipment required : Not Applicable
		Fire cones number : Not Applicable