

DATA SHEET

Selenite Broth 0,6%

Picture to come

Apperance

The broth is clear and colorless.

Description

Selenite Broth 0,6% was originally developed by Leifson¹ who observed good growth of *Salmonella spp.* and a reduced growth of fecal coliform bacteria. Selenite Broth which contains peptone and lactose is used for selective enrichment and isolation of *Salmonella spp.* from faeces, urine, water and foodstuff, where they may occur in smaller numbers thus may have difficulty competing with the accompanying bacterial flora.

Principle

Selenite Broth 0,6% is a selective enrichment media for the cultivation and isolation of *Salmonella* spp.

Precautions

For professional use only for *in vitro* diagnostic purposes. Do not use the product if there are signs of microbial contamination, discoloration, drying out or other signs of deterioration. Inoculated products must be disposed of in accordance with applicable rules for clinical risk waste.

Formulation

	g/L
Peptone	5,0
Sodium hydrogen phosphate	10,0
Lactose	4,0
Sodium Selenite	6,0
pH 7,5 ± 0,2	

Clinical Data

N/A

Materials needed but not included

Microbiological utensils for: sampling, transport media, transport packaging, inoculation, as well as serological and biochemical reagents are not included.

Procedure

Selenite Broth 0,6 % is inoculated directly with the sample and incubated at 35,0° C ± 2,0° C for a minimum of 16 hours after which it is sub-cultured onto a solid media suitable for growing *Enterobacteriaceae* to obtain single colonies.

Quality control

Reference strains	Growth
<i>Salmonella</i> Enteritidis ATCC 13076	Good
<i>Escherichia coli</i> ATCC 25922	Inhibited or no growth

Reading guide

N/A

Storage and shelf life

The Broth is stored in the dark at 2 - 8°C and have a shelf life of 180 days from production.

References

1. Leifson, E. (1939). "New selenite selective enrichment medium for the isolation of typhoid and paratyphoid bacilli". Am. J. Hyg. **24**: 423–432.

Products

Product code: 1118	Selenite Broth 0,6% - 5 mL (20 pc/pack)
Product code: 35822	Selenite Broth 0,6% - 1 L
Product code: 29386	Selenite Broth 0,6% - 7 mL (20 pc/pack)

Quality Control

SSI Diagnostica is quality assured and certified according to ISO 13485. Certificates of analysis and SDS can be downloaded from our website www.ssidiagnostica.com.



Information and ordering

SSI Diagnostica A/S

Herredsvejen 2
3400 Hillerød
Denmark
T +45 4829 9100
info@ssidiagnostica.com
ssidiagnostica.com
shop.ssidiagnostica.com

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