

SODIUM SELENITE BROTH

For the selective isolation of Salmonella spp. in clinical samples.

Formula in g/L:

Pancreatic digest of casein.....	5,00	Lactose.....	4,00
Disodium hydrogen phosphate.....	1,00	Sodium hydrogen selenite.....	4,00
Sodium dihydrogen phosphate	10,00		

Final pH at 25°C: 7,0 ± 0,2

Principle:

Sodium Selenite Broth is enrichment medium for Salmonella spp. that may be present in small numbers and competing with intestinal flora. The broth medium can be more selective of Salmonella in meat products when it is incubated for 16 to 18 hours at 37°C.

Pancreatic digest of casein provides the essential nutrients for growth: nitrogen, vitamins, minerals and amino acids. Lactose is a fermentable carbohydrate. Sodium selenite inhibits the growth of Gram – positive bacteria and many Gram – negative bacteria. Sodium phosphate is a buffer.

Procedure:

- ★ Inoculate the medium with the sample
- ★ Incubate at 37±1°C for 16-18 hours
- ★ After incubation sub-culture to Salmonella Shigella LAB-AGAR™ (PP 1250), Hektoen LAB-AGAR™ (PP 1060) or other selective agar

Storage / Shelf life

- ★ Prepared bottles at 2 - 8°C shielded from light
- ★ The expiration date is indicated on the label.

Purpose:

- ★ product intended the professional use in diagnostics in vitro

Dealing with waste:

- ★ dealing with – waste according to regulations being in effect in this respect

Dealing with consumed bases:

- ★ one should remove consumed bases according to procedures being in effect in the given individual

Pack size

6 bottles x 100 ml
6 bottles x 200 ml

Ref.
BT 5068.01
BT 5068.02

