

Product Information

68589 Brilliant Green + Novobiocin Selective Supplement

Novobiocin+Brilliant green selective supplement is added to Muller-Kauffmann Tetrathionate medium base in order to obtain a complete medium for the enrichment of enteric or intestinal pathogens, and for all the members of *Salmonella* type.

Usually this medium is used for the analysis of polluted samples, like faeces, urine, waste water and others.

MKTTn was developed by Muller and later modified by Kauffmann with the addition of ox bile and brilliant green to improve selectivity. The addition of novobiocin was later described by Jeffries to improve inhibition of *Proteus* species.

Composition

(per vial, sufficient for 500 ml medium)

Brilliant Green 5 mg

Novobiocin, sodium salt 20 mg

Directions

Reconstitute the vial with 6ml sterile diluent (Ethanol / Distilled water, 2:4) in aseptic conditions and add it to 500 ml of Muller-Kauffmann Tetrathionate Broth base (Cat. No. 43052) (cooled to 50°C).

Distribute into sterile tubes and dispense 20 ml in each.

Basal medium with supplement, kept in the refrigerator, it is effective for 2 months. Once iodine solution is added it is only effective for 48 hours.

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Note: Don't heat the media once the supplements have been added.