BACTO™ TELLURITE BLOOD SOLUTION

INTENDED USE
Bacto Tellurite Blood Solution is used with Bacto Dextrose Proteose No. 3 Agar for isolating Corynebacterium diphtheriae.

This enrichment/additive has been prepared according to an applicable standard or accepted formula. It is expected that it will be used only by or under the supervision of microbiologists qualified by training and experience to handle pathogenic microorganisms. Further, it is expected that the user will be thoroughly familiar with the intended use of the formulation. For more details on the use of this product in microbiological methods, refer to the Difco Manual, the appropriate official compendium, or the following text:


REAGENT DESCRIPTION
Bacto Tellurite Blood Solution is defibrinated animal blood containing sufficient potassium tellurite to prevent growth of most commensal organisms present in the test specimen. This enrichment is not sterile and cannot be recommended for use except as described below.

PRECAUTIONS
in vitro Diagnostic

When applicable, for laboratory use in procedures not involving clinical specimens, i.e. testing of food, water, etc.

STORAGE
Store Bacto Tellurite Blood Solution at 2 – 8°C.

The expiration date applies to the product in its intact container when stored as directed.
**PREPARATION of REAGENT**

1. Aseptically add 5 mL *Bacto* Tellurite Blood Solution to 100 mL sterile *Bacto* Dextrose Proteose No. 3 Agar at 75 – 80ºC. Swirl gently.
2. Maintain the mixture at 75 - 80ºC until it takes on the appearance of chocolate agar (10 - 15 minutes). Contaminating microorganisms are ordinarily inhibited or killed during this procedure or during incubation of the final medium.
3. Cool slowly to 50ºC prior to dispensing into sterile Petri dishes.

**PROCEDURE**

Because the final culture medium that includes this enrichment/additive should already be included in the Procedures Manual which has been created under the supervision and responsibility of the laboratory director, no detailed instructions have been provided. For those laboratories still compiling or updating a Procedures Manual, reference to the following text is recommended: