Condalab

Reference: 5017 **Technical Data Sheet**

Product: **REAGENT B**

CE IVD

Specification

Buffer solution for the pretreatment of clinical samples (sputum) suspected the presence of mycobacteria.

Presentation

	Packaging Details	Shelf Life	Storage
10 Prepared bottle Bottle 125 ml with: 100 ± 3 ml	1 box with 10 bottles 125 ml. Injectable cap: Plastic screw inner cap. The use of syringes needles with a diameter greater than 0.8 mm is not recommended.	24 months	8-25 ºC

Composition

Composition (g/l):
Monopotassium phosphate..... 3.38
Disodium phosphate.....3.53

Description /Technique

Description:
Phosphate buffer at pH 6.8 is added to the treated sample with the aim of halting decontamination by neutralizing the alkaline mixture and at the same time this dilution increases the liquidity of the sample by lowering the viscosity.

Instructions for use:
1. Transfer 10 ml of sputum (or less) to a sterile 50 ml centrifuge tube, and add an equal volume of the decontaminant solution (prepared that day). Seal the tube and homogenize in a Vortex shaker until completely liquidized (about 20 seconds). Invert the tube several times to ensure that the decontaminant is in contact with the entire inner surface of the tube and cap.
2. Keep the tube at room temperature for 15min for effective decontamination. Do not exceed this time of contact with the decontaminant
3. Neutralize the decontaminant by adding phosphate buffer (Reagent No. 3) to the 50 mL mark. Cap the tube and mix the contents by gently shaking.
4. Centrifuge for 15 minutes at = 3,000 x g
5. Decant the supernatant into a suitable container with disinfectant.
6. Resuspend the pellet with 2 ml of sterile bovine albumin solution (Reagent No. 4)
7. Use this suspension to inoculate the culture media and to make smears for microscopic examination.

Quality control

Physical/Chemical control

Color : Colourless pH: 6.8 ± 0.2 at 25ºC

Microbiological control

Not Performed - Reagent wiohtout nutritional properties

Test pH

Microorganism	Growth

Sterility Control

Incubate at 35 ± 2 ºC for 48 h into Thioglicollate Medium USP.

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