

# BLOOD CULTURE BOTTLES

*"Diagnostic tool for the detection of bacteremia and fungemia"*

## What is blood culture?

A blood culture is a laboratory test in which blood, taken from patient, is inoculated into bottles containing culture media to determine whether infection causing microorganisms are present in the patient's bloodstream.

## Why is blood culture important?

- Confirm the presence of microorganism in bloodstream.
- Identify the microbial etiology of the bloodstream infection.
- Help determine the source of infection (e.g., endocarditis).
- Provide an organism for susceptibility testing and optimization of antimicrobial therapy.

## How to use blood culture bottles?

- Label the ready to use blood culture bottle. Remove the top seal of the cap.
- Disinfect the part of the rubber stopper which is now exposed.
- Draw patient's blood with the sterile or disposable needle and syringe.
- Transfer the blood sample immediately into the culture bottle by puncturing the rubber stopper with the needle and injecting the blood.
- Incubate at 35-37°C for 24-48 hours and further for 7 days to confirm negative results.

Product Code	Product Name
TMK 362	<b>BRAIN HEART INFUSION BROTH</b> For detection of fastidious microorganism in blood.
TMK 362S	<b>BHI SUPPLEMENTED W/ 0.05% SPS</b> For detection of microorganisms associated with blood culture.
TMK 303	<b>BILE BROTH BASE</b> For cultivation of Enterobacteriaceae group.
TMK 319S	<b>FLUID THIOGLYCOLLATE MEDIUM w/ 0.05% SPS</b> For cultivation of aerobes, anaerobes and microaerophiles.
TMK 308S	<b>GLUCOSE BROTH W/ 0.05% SPS (BLOOD CULTURE BOTTLE)</b> For detection of microorganisms in blood.
TMK 374	<b>HARTLEY DIGEST BROTH</b> For isolation of various bacteria from blood especially Streptococci and Corynebacterium diphtheriae.
TMK 374S	<b>HARTLEY DIGEST BROTH W/ 0.5% SPS</b> For isolation of various bacteria from blood especially Streptococci and Corynebacterium diphtheriae.
TMK 350	<b>NUTRIENT BROTH</b> For general cultivation of microorganisms.
TMK 332	<b>TRYPTONE SOYA BROTH (SOYA CASEIN DIGEST MEDIUM)</b> For detection of microorganisms in blood.
TMK 332S	<b>TRYPTONE SOYA BROTH W/ 0.05% SPS</b> For detection of microorganisms in blood.

Available in 25 ml (Paediatric) / 50 ml (Adult)

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