

**Amikacin Anaerobe blood Agar**

PP44451

Selective medium for the general growth of anaerobes

**Presentation**

20 Prepared Plates

90 mm

with: 20 ± 2 g of Weight/Volume

**Packaging Details**

5 plates pack, plastic shrink wrapped - 4 packs per box

**Shelf Life Storage**

2,5 months 8-14°C

**COMPOSITION****DESCRIPTION / TECHNIQUE***(Theoretical formula in g/l of demineralized water / per via)*

Tryptone.....	10.0
Gelatin peptone.....	10.0
Hemin.....	0.005
Menadione.....	0.0005
D(+)-Glucose.....	1.0
Yeast extract.....	2.0
Sodium chloride.....	5.0
Sodium bisulfite.....	0.1
Agar.....	15.0
Sheep blood.....	50 ml
Amikacin.....	0.1

Collect, dilute and prepare samples as required.

Spread the sample onto the plate by streaking methodology or by spiral method. Incubate the plates in inverted position in a 5% carbon dioxide enriched anaerobic atmosphere at 35-37°C for 24-48 hours. Preferably, spread with the same sample other non-enriched or non-selective media, previously defined by the laboratory, to have better and comparative results.

Different animal blood source, greater incubation times, humidity or larger percentage of carbon dioxide in atmosphere,... may be required depending on the sample, on the specifications of the laboratory, the expected isolations to be found.

Each laboratory must evaluate and report results carefully; this highly nutritive medium allows recovery of a wide variety of fastidious anaerobic microorganisms, although selective supplementation of the medium suppresses almost all the accompanying flora.

Consider both hemolysis reactions and colony appearance as well as the results obtained from other culture media, as keys for microbiological identification (Calculate total microbial counts considering, if applied to the samples, the inverted dilution factors).

Presumptive isolation of any anaerobic pathogen must be confirmed by further microbiological and biochemical tests.

**QUALITY CONTROL****Physical/Chemical control**

Color of the media: Red

Aspect: Satisfactory

pH: 7.4 ± 0.2

Weight/Volume: 20 (Quantity per unit; in gr for solid products, in ml for liquid products)

**Microbiological control****Sterility Control****BIBLIOGRAPHY**