

AZIDE VIOLET BLOOD AGAR BASE

Highly selective medium for the isolation of streptococci

Typical Formula (g/l)

| | |
|-----------------|--------|
| Tryptose | 10.000 |
| Beef Extract | 3.000 |
| Sodium Chloride | 5.000 |
| Sodium Azide | 0.200 |
| Crystal Violet | 0.002 |
| Agar | 15.000 |

Directions

Suspend 33.2 g in 1000 ml of cold distilled water, heat to boiling distribute and sterilise by autoclaving at 121°C for 15 minutes. To prepare blood agar plates cool to about 50°C, aseptically add 5%(v/v) of sterile defibrinated blood, mix well and pour into sterile Petri dishes.

pH: 7.2 ± 0.2

Description

Azide Violet Blood Agar Base, with sodium azide and crystal violet, is highly selective for streptococci, while Gram-negative organisms and staphylococci being inhibited. Azide Violet Blood Agar Base is recommended for the isolation of enterococci in urine and is suggested by Mossel for the enumeration of faecal streptococci in foodstuffs.

User quality assurance (37°C-24 h)

Productivity control

S.pyogenes ATCC 19615: growth, beta haemolysis

S.pneumoniae ATCC 6305: growth alpha haemolysis

Selectivity control

S.aureus ATCC 25923: inhibited

E.coli ATCC 25922: inhibited

Storage

Dehydrated medium: 10-30°C

User prepared plates: up to 24 hours at 2-8°C

Reference

- Mossel, D.A.A., Diepen, H.M.S De Bruin, A.S. (1967). J. Appl. Bact. **20**, 265-272.

Packaging

4011102

Azide Violet Blood Agar Base,

500 g (15 l)