Supplement

Horse Blood Defibrinated

Supplement used for the cultivation and enumeration of fastidious microorganisms based on their hemolytic properties.

• CONTENTS

Horse Blood Defibrinated 50.0 mL
Storage condition : Store in the dark, 2 to 6°C

• PROCEDURE

Suspend 40.0 G of Blood Agar Base (MB-B1005) in 950 mL of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45 - 50°C in water bath. Aseptically add 5 - 7% of Sheep Blood Defibrinated (MB-1876) or Horse Blood Defibrinated. Mix well. Pour into petri dishes.

• INTERPRETATION

Horse Blood Defibrinated is a supplement used for the cultivation and enumeration of fastidious microorganisms based on their hemolytic properties. The supplement provides nutrients for the growth of bacteria.

• QUALITY CONTROL FOR USE

Appearance : opaque
Color : cherry red
Incubation conditions : 36 ± 1℃ / 18 - 24 h up to 48 hours under appropriate condition

Microorganism	ATCC	Inoculum CFU	Growth	Hemolysis
Staphylococcus aureus	25923	50-100	good	beta
Staphylococcus epidermidis	12228	50-100	good	-
Neisseria meningitidis	13090	50-100	good	-
Streptococcus pneumoniae	6305	50-100	good	alpha
Streptococcus pyogenes	19615	50-100	good	beta

• STORE

Store Horse Blood Defibrinated at 2 - 6°C away from light in its original package, until the expiry date shown on the label. Keep away from sources of heat and avoid excessive changes of temperature. Do not use after expiry date. Dispose of them if they show signs of deterioration. Eliminate if signs of deterioration or contamination are evident.

• REFERENCES

1. Brown, J.H.. 1919. The use of blood agar for the study of streptococci, NY Monograph No. 9. In Rockefeller Istitute for Medical Research.
2. Ruoff,. K.L. 1995. Streptococcus, p. 299-305. Manual of clinical microbiology, 6th ed.
3. NCCLS document M22-A2, 1996. Approved Standard.

• PACKAGE

Cat. No : MB-H1883 Horse Blood Defibrinated	1 vial

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