

SOLUTIONS FOR WORKING WITH BACTERIOPHAGE λ

Maltose

Maltose (0.2%) is often added to the medium during growth of bacteria that are to be used for plating bacteriophage λ .

maltose	20 g
H ₂ O	to 100 ml

Sterilize by filtration.

Add 1 ml of sterile 20% maltose solution for every 100 ml of medium.

SM

This medium is used for phage storage and dilution.

Per liter:

NaCl	5.8 g
MgSO ₄ · 7 H ₂ O	2 g
1 M Tris · Cl (pH 7.5)	50 ml
2% gelatin	5 ml

Sterilize by autoclaving and store in 50-ml lots.