



STANDARD OPERATING PROCEDURE

Department: Microbiology	SOP No.:
Title: Disposal of Microbial Culture Media	Effective Date:
Supersedes: Nil	Review Date:
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1.0 OBJECTIVE:

To lay down a procedure for disposal of microbial culture media.

2.0 SCOPE:

This SOP is applicable to disposal of microbial culture media in Microbiology laboratory.

3.0 RESPONSIBILITY:

Microbiologist - Quality Control

Head – Quality Control

4.0 PROCEDURE:

4.1 For culture media tubes/flasks/plates/pipettes/roux bottles:

4.1.1 Remove the solid media from plates, tubes, flasks and roux bottles in autoclavable disposable polybag and autoclave at 121°C for 30 minutes at 15 lbs. pressure.

4.1.2 Allow the temperature to cool to 90°C and take out the polybag from autoclave send to the ETP.

4.1.3 The liquid media containing tubes/flasks kept in autoclave at 121°C for 30 minutes at 15 lbs. Pressure.

4.1.4 Drain the contents of the tubes/ flasks into the sink under running tap water after sterilization.

4.1.5 Wash the glassware as per reference.

4.2 For used Disposable Petri Plates/RODAC Plates:

4.2.1 Keep the used disposable petriplates/RODAC Plates in autoclavable disposable polybag and autoclave at 121°C for 30 minutes at 15 lbs. pressure.

4.2.3 Allow the temperature to cool to 90°C and take out the polybag from autoclave send to the ETP.

4.3 For used Micro tips:

4.3.1 Soak the used micro tips in 2.0% v/v Savlon solution for minimum 1 hour and discard.



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NOTE:

- Use of protective aprons, gloves and nose masks is essential while handling the material to be disposed.

5.0 ANNEXURE (S):

Annexure –I : Disposal of Microbial culture media record

6.0 REFERENCE (S):

SOP: Cleaning of glassware / apparatus

7.0 ABBREVIATION (S) / DEFINATION (S):

Nil