



STANDARD OPERATING PROCEDURE

Department: Microbiology	SOP No.:
Title: Handling of Microbial Culture/Media Spillage	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

1.0 OBJECTIVE:

To lay down the procedure for Handling of Microbial Culture / Media Spillage.

2.0 SCOPE:

This SOP is applicable to Handling of Microbial Culture / Media Spillage used in microbiology laboratory.

3.0 RESPONSIBILITY:

Microbiologist-Quality Control

Head-Quality Control

4.0 PROCEDURE:

- 4.1.1 Use 2.5% v/v savlon solution /filtered 70% vv Isopropyl alcohol Solution to disinfect spillage.
- 4.1.2 Wear hand gloves and spray/pour the disinfectant solution on the spilled medium/spilled culture.
- 4.1.3 If glassware is broken, pick up the broken glassware pieces. Soak the broken glassware pieces in disinfectant solution overnight. Transfer the broken glassware pieces to the container meant for collection of broken glassware.
- 4.1.4 Wipe the area of spillage to remove traces of medium / microbial culture using a sterile non-shedding duster soaked in disinfectant solution.
- 4.1.5 Clean the area of spillage with a sterile non-shedding duster soaked in disinfectant solution.
- 4.1.6 In case an aerosol has been created during spillage, fumigate the area thoroughly as per the SOP titled Fumigation of Microbiology Laboratory.
- 4.1.7 In case of spillage of medium/microbial culture on LAF bench, clean the Spillage with a sterile non-shedding duster soaked in disinfectant solution. Switch on the UV light for one hour before start of any activity in LAF unit.

5.0 ANNEXURE (S):

Nil



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6.0 REFERENCE (S):

SOP: Preparation, Approval, Distribution control, revision and Destruction of Standard operating Procedure (SOP).

7.0 ABBREVIATION (S) /DEFINITION (S):

LAF : Laminar Air Flow

UV : Ultra Violet

REVISION CARD

S.No.	REVISION No.	REVISION DATE	DETAILS OF REVISION	REASON (S) FOR REVISION	REFERENCE CHANGE CONTROL No.
01	00	---	---	New SOP	---