



STANDARD OPERATING PROCEDURE

Department: Microbiology	SOP No.:
Title: Procedure for Operation and Cleaning of Anaerobic Chamber	Effective Date:
Supersedes: Nil	Review Date:
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1.0 OBJECTIVE:

To lay down a Procedure for Operation and Cleaning of Anaerobic Chamber.

2.0 SCOPE:

This SOP is applicable for Operation and Cleaning of Anaerobic Chamber (Make: Hi-Media Laboratories Pvt. Ltd), in Microbiology Section of Quality Control Laboratory.

3.0 RESPONSIBILITY:

Officer / Executive - Microbiology

4.0 ACCOUNTABILITY:

Head – QC

5.0 ABBREVIATIONS:

IPA	Isopropyl Alcohol
ID No.	Identification Number
Ltd.	Limited
ML	Microbiology Laboratory
No.	Number
Pvt.	Private
QC	Quality Control
SOP	Standard Operating Procedure

6.0 PROCEDURE:

6.1 Open the lid of Anaerobic System.

6.2 Clean the outer and inner surface of Anaerobic Jar with filtered 70% IPA.

6.3 Place the media Petriplates in the SS plate carrier or Test tubes in the tube carrier.

6.4 Cut and open Anaerobic Indicator Tablet sachet and remove one tablet pack.

6.5 Insert the tablet pack into the upper clip on the plate carrier or tube carrier immediately.

6.6 Lower the plate carrier or tube carrier into the Polycarbonate base.

6.7 Take the Anaerobic Gas Pack and cut off the top of Pack.

6.8 Remove sachet and place it in the lower clip of plate carrier or tube carrier.

6.9 Place the lid on the base making sure that the O-ring is correctly in place (evenly pressed against the flange as a secure fit).

6.10 Apply the beam clamp. Screw down the knurled wheel until tight.



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6.11 Place the Anaerobic System into the desired incubator.

6.12 The Anaerobic Indicator Tablet shall remain pink in the jar indicating anaerobiosis. Any kind of leakage leading to anaerobic condition shall turn the colour of tablet to purple.

6.13 After incubation the Anaerobic Indicator Tablet shall be discarded with the normal microbiology litter. The exhausted Anaerobic Gas Pack should be removed without spilling the content and discarded carefully.

7.0 ANNEXURES:
Not Applicable.

ENCLOSURES: SOP Training Record

8.0 DISTRIBUTION:

- Controlled Copy No. 01 Quality Assurance
- Controlled Copy No. 02 Microbiology Laboratory
- Master Copy Quality Assurance

9.0 REFERENCES:
Instruction Manual

10.0 REVISION HISTORY:

CHANGE HISTORY LOG

Revision No.	Change Control No.	Details of Changes	Reason for Change	Effective Date	Updated By