

CURRENT

Category: General SOP for instruments in Genetics laboratory.

Title: Operating the Proflex™ PCR System in the Department of Clinical Pharmacology, K.E.M Hospital, Mumbai.

SOP No.: PCR INS-01

Date first effective: 1st January 2025

Review date: 31st December 2025

Department of Clinical Pharmacology, 1st floor, New MS building Seth GS Medical College & KEM Hospital, Parel, Mumbai 400012.

Category: General SOP for instruments in Genetics laboratory.

Title: Operating the Proflex™ PCR System in the Department of Clinical Pharmacology, K.E.M Hospital, Parel, Mumbai.

SOP No.: PCR INS-02

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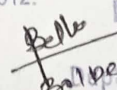
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Purpose: This standard operating procedure (SOP) describes the method for operating the Proflex™ PCR System for amplification of isolated DNA.

Scope: This SOP is limited for operating the Proflex™ PCR System

Responsibilities:

Primary Responsibility: Divya Bhare
Lab Technician

Divya Bhare
30/Dec/2024

Secondary Responsibility: Dr. Sheetal Kudtarkar
Project Scientist

Sheetal Kudtarkar
30/12/24

Proflex™ PCR system User Guide.

(Pub. No. MAN0007697)

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Detailed Instructions:

Important: This procedure should be carried out wearing gloves

1. Press 'ON' button on UPS and Switch 'ON' the Proflex™ PCR System.
2. Open the Lid and place the PCR sample tubes in the particular block of interest in the sample tray.
3. Close the cover (Lid).
4. In the home screen touch **open method**.
5. Touch particular project folder to display the run method within the folder.
6. Select the appropriate method.
7. Check all the parameters of method.
8. Choose **the block of interest**.
9. Touch **Start run**.
10. After completion of the run, touch **stop run**.
11. Remove the sample tubes and close the lid.
12. Touch **done**.
13. Switch 'OFF' the Proflex™ PCR System.

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