

**CURRENT**



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# **PHARMACOGENETICS STANDARD OPERATING PROCEDURE**

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**SOP**



**1<sup>ST</sup> JANUARY 2025 – 31<sup>ST</sup> DECEMBER 2025**

Department of Clinical Pharmacology  
Seth GSMC & KEMH Mumbai 400012.

**CURRENT**

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SOP No.	Title of SOP
Pre PCR INS - 01	Operating the cooling centrifuge in the Department of Clinical Pharmacology, K.E.M Hospital , Parel ,Mumbai.
PCR INS- 02	Operating the Proflex™ PCR system in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
Pre PCR INS - 03	Extraction of genomic DNA from whole blood by phenol-chloroform method in the Department of Clinical Pharmacology, K.E.M Hospital, Parel, Mumbai.
PCR INS- 04	Operating the CFXR96RT PCR system in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
Pre PCR INS-05	Operating the Nano photometer in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel ,Mumbai.
Pre PCR INS-06	Extraction of genomic DNA from whole blood by kit method in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
Post PCR INS-01	Performing the horizontal gel electrophoresis in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
Post PCR INS-02	Operating the Gel Documentation System in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
Post PCR INS-03	Preparation and performing the horizontal gel electrophoresis for extracted DNA samples and PCR product in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
Post PCR INS-04	Preparation and performing the, horizontal gel electrophoresis for digested PCR products in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.
PCR Method- 02	To perform polymerase chain reaction (PCR) in in the Department of Clinical Pharmacology, K.E.M Hospital ,Parel, Mumbai.