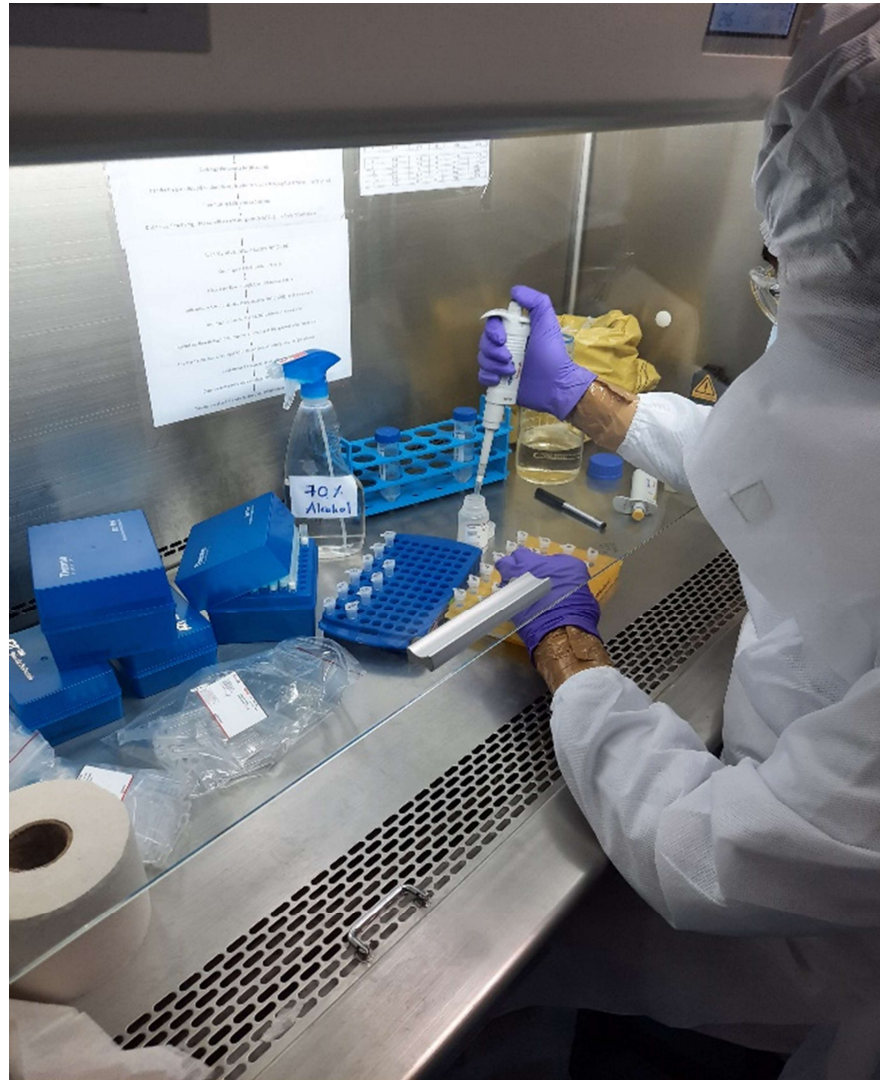




Volunteers wearing PPE performing virus inactivation from patient samples in the BSL2 lab facility.



RNA isolation from the inactivated virus samples being performed by a volunteer from CDFD inside the biosafety cabinet.



Patient samples are stored in deep-freezers for long term storage.



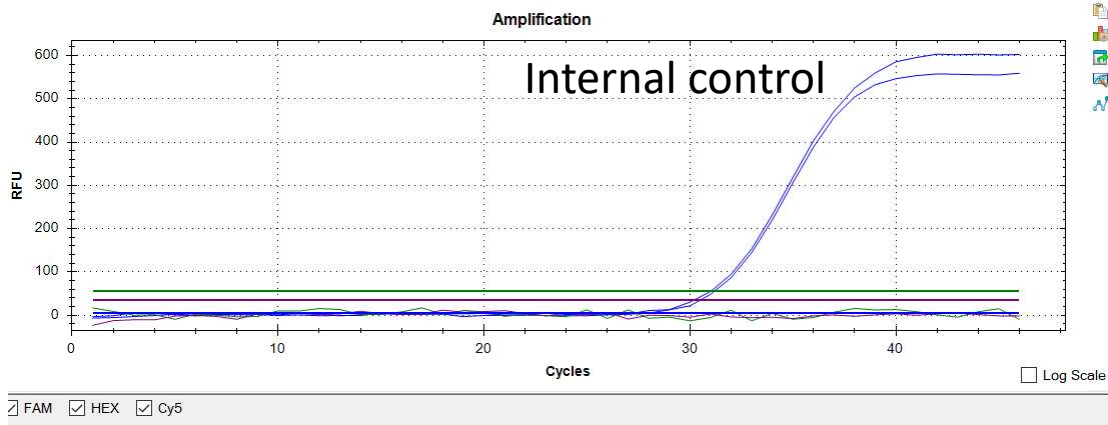
Volunteers wearing PPE working in biosafety cabinets.



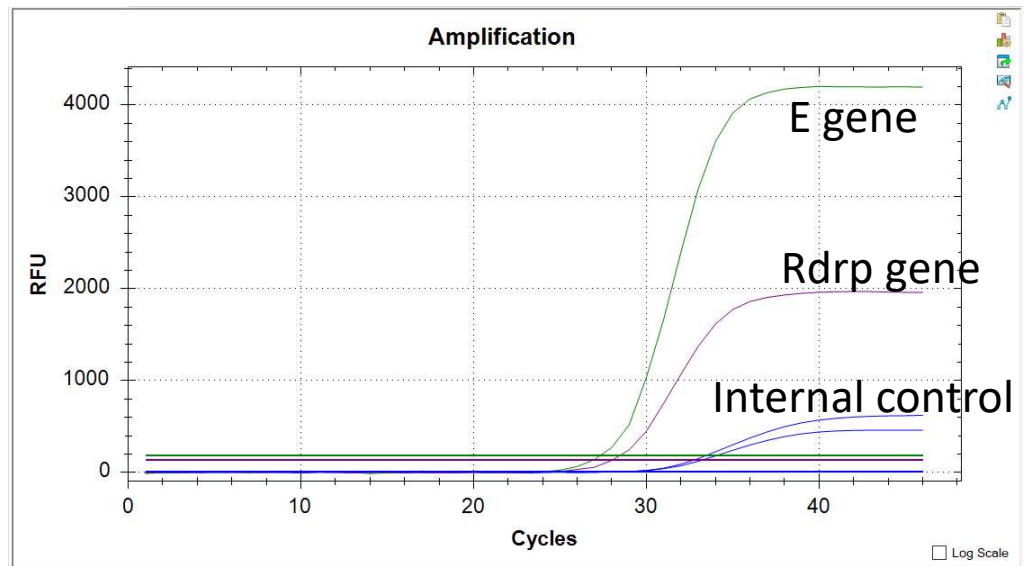
A centrifuge being used during the process of isolating viral RNA for COVID-19 testing



A volunteer setting up the RT-qPCR, where RNA template is used as the starting material for detection for virus specific genes.



Sample negative for SARS-CoV-2



Sample positive for SARS-CoV-2

Real Time PCR showing results of testing for SARS-CoV-2

The screenshot shows the ICMR (Integrated Case Management and Reporting) dashboard. The top navigation bar includes the ICMR logo and the user's name 'CDNAFDH' with a status indicator 'Online'. The main dashboard area features two prominent cards: a blue card for 'Total Number of Cases' showing 563, and a red card for 'Total Positive Cases' showing 2. Below these cards, a section titled 'Incomplete Information within all records' highlights a 'Patients Personal Profile' with a green background, indicating a count of incomplete values. This profile section lists four fields: 'Patients Name', 'State of Residence', 'District of Residence', and 'Contact Number', each with a corresponding status indicator (blue, blue, green, and red circles respectively). A left-hand navigation menu lists various functions such as 'Add New Record', 'Add Record from SRF Portal', 'List/Edit/Followup', 'Search Patient', 'Go to Inventory', 'Daily Update 8 pm - 9 pm', 'Export Excel', 'Update Lab Capacity', and 'Training/Guide'.

The screenshot displays the login interface for the 'COVID-19 Monitoring System' of the Government of Telangana. At the top, there are three circular portraits: Sri K. Chandrashekar Rao, Hon'ble Chief Minister; the Government of Telangana emblem; and Sri Etela Rajender, Hon'ble Minister for HMFWD. The system title 'COVID-19 Monitoring System' is prominently displayed, along with the department name 'Department of Health & Family Welfare' and 'Govt. of Telangana'. The login form consists of two input fields: 'Username' and 'password', each with a corresponding icon. Below the form are two green buttons labeled 'Login' and 'Reset'.

Reporting of results on ICMR and Telangana state government portal