



COVID-19 Outbreak Control and Prevention State Cell

Health & Family Welfare Department

Government of Kerala

Advisory on Recording and reporting of COVID tests

No 31/ F2/2020/ Health- 24th June2020

Kerala state is currently using RTPCR, CB NAAT (Xpert) and TrueNAT for the diagnosis of COVID. The state is also doing RTPCR based sentinel surveillance for obtaining early warning signals regarding community transmissions. Various SRF (Sample Request Forms) forms were in use for all these tests. ICMR introduced ICMR app in which details need to be entered at district level and laboratories. The state intends to increase the average number of samples per day. In these contexts, following guidelines on recording and reporting of results have been laid down to maintain uniformity, sustain quality of reporting and ensure timely reporting.

Data entry in ICMR App & Portal

Details of all samples (routine/ sentinel surveillance/ TRUENAT/ CBNAAT, Surveillance testing by AB kits, Immuno Assay kits, Ag test kits) shall be entered at sample collection site using RTPCR App. District Surveillance Officer (DSO) will be responsible for the correctness and completeness of data entered in the app. With effect from 24/06/2020, Revised SRF (annexure1) need to be sent along with samples to the designated laboratories.

Priority samples: Samples of prisoners, samples of patients awaiting emergency medical or surgical intervention and post mortem samples shall be processed on a priority basis which should be mentioned in the SRF by the DSO.

Repeat samples: encircle "RPT" in the right upper corner of SRF if the sample is collected from a lab confirmed case of COVID 19 who is now under treatment.

Sentinel surveillance samples: ICMR Category can be entered as "others" in the RTPCR App. Sentinel surveillance group must be correctly entered in the revised SRF. The same will be entered in the ICMR portal by the laboratory in the remarks column in the format SS numeric small letter alphabet exactly as given in the 2nd page of SRF. If lab need to enter any other remarks, then add it after entering the group.

Eg: SS 3f, sample rejected due to inadequate VTM



Incomplete/ erroneous SRF: The samples with incomplete/ doubtful SRF especially with missing category/group shall not be processed/ reported from the lab until a corrected SRF is received from district authorities.

Time limit: Results must be entered in ICMR portal within 12 hours of testing including sentinel surveillance samples.

Data entry in State portal (<https://healthmon.kerala.gov.in/rapidtest/>)

- All positive results (Routine/ Sentinel/TRUENAT (step II) / CBNAAT) need to be entered on a real time basis.
- Update the daily summary of samples tested (12 noon previous day to 12 noon today) (Routine/ Sentinel/TRUENAT (step I) / CBNAAT) before 12.30pm every day.

Reporting of final results to districts

- All reports need to be reported from a single designated mail id to DSOs with appropriate subjects.
- Individual signed pdf documents need to be issued for positive cases & priority samples.
- Negative reports (not included in above categories) can be given as a group report based on district in pdf and excel format for the ease of sorting at district level.
- No parallel reporting of results should happen from laboratories. Lab- in-charges will be responsible for all the results issued from laboratories. DSOs are responsible for the redistribution of reports to concerned authorities in the district without any time delay.



DATA ENTRY MATRIX

Type of samples	District level	Lab level
Routine CBNAAT TRUENAT	RT-PCR App Revised SRF <ul style="list-style-type: none">• Mention new/ repeat sample• Mention if priority group	All results - ICMR portal All positives- healthmon.kerala portal Daily summary- healthmon.kerala portal Individual pdf- positive/ priority samples All remaining results as group pdf and excel file to DSOs
Sentinel surveillance	RT-PCR App Group must be entered in SRF	All results with group in remarks column- ICMR portal All positives- real time- healthmon.kerala portal Daily summary- healthmon.kerala portal Individual pdf- positive result All negatives as group pdf & excel file.


Principal Secretary

Specimen Referral Form (SRF) ID information for COVID-19 (SARS-CoV), in RT-PCR app- Kerala

SRF ID

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Patient Name _____

Phone number

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Lab Name _____

**Sample Type (ICMR Category

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Routine sample

Sentinel surveillance SS Category

SS		
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TRUENAT sample

XPERT sample

Sample to be pooled

Yes	No
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*Priority sample

Yes	No
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** Postmortem sample/ prisoners/ patients awaiting emergency intervention*

Annexure 1

Category Of Samples For Ready Reference At Collection Centre & Laboratories.

Category	ICMR Routine samples	Group	Sentinel Surveillance samples
1	Symptomatic international traveler in last 14 days	SS 1	Patients in general population with Acute Respiratory Infection (ARI)
2	Symptomatic contact of lab confirmed case	SS 2a	Doctors, Nurses, Paramedics etc in Non-COVID settings
3	Symptomatic health care worker/ frontline worker	SS 2b	General Practitioners etc in Non-COVID settings
4	Hospitalised SARI patient	SS 2c	Ambulance Drivers in Non-COVID settings
5a	Asymptomatic direct high risk contact of lab confirmed case(family member)	SS 2d	Other health care staff in Non-COVID settings
5b	Asymptomatic health care worker in contact with confirmed case without adequate protection	SS 3a	Food delivery person
6	Influenza like illness(ILI) in hospital	SS 3b	Community Volunteers (ASHA, LSG volunteer)
7	Pregnant woman in/near labor	SS 3c	Provisions shop vendors
8	Symptomatic (ILI) among returnees & migrants(within 7 days of illness)	SS 3d	Ration Shop staff
9	Symptomatic ILI patient in Hotspot/ Containment	SS 3e	wholesale fruits or vegetable vendors
Others	-Please specify; select only if patient does not belong to category 1-8 OR -sentinel surveillance samples	SS 3f	Media Personnel, Health Staff at Field (JHI, JPHN etc)
		SS 4a	Head load workers who come in contact with Truck Drivers
		SS 4b	Vendors in market places who come in contact with Truck Drivers
		SS 4c	Street vendors who come in contact with Truck Drivers
		SS 4d	Warehouse- in- charges who come in contact with Truck Drivers
		SS 4e	People at Vehicle Transit Camps (no travel history)
		SS 4f	FSW& MSM who come in contact with Truck Drivers
		SS 5	Guest workers
		SS 6	Epidemiological Samples
		SS 7a	Passengers travelled in aeroplane/ship cabin/train/ road in last 14 days to Kerala
		SS 7b	Person with travel history from red zone districts (outside Kerala) in last 14 days
		SS 7c	Persons with travel history outside Kerala not belonging to above two sub-categories