COMMISSIONERATE
Health & Family Welfare Services

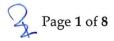No: NHM/12/MD-NHM/20-21   Date: 25.08.2020

SOP for Reporting of COVID-19 test: (Updated on 18.08.2020)

1. The testing lab should ensure the following before acknowledging the sample receipts:

   a. SRF ID is generated using RT-PCR app for every sample. Sample should not be processed if submitted without SRF ID

   b. Hard Copy: An abstract of SRF IDs with categorization details of all samples being submitted should be sent along with the samples in the format annexed. (Annexure-1). Soft copy of the same should be mailed to the RT-PCR testing laboratory.

2. As the District Surveillance Officers of all the districts are given access to ICMR portal to view the results directly, the testing lab should mandatorily upload the results in the ICMR portal **immediately** after the test.

3. If the test is "POSITIVE", the test results of admitted patients may be communicated to the treating doctor for needful action.

4. The results of the cases for which the SRF details could not be uploaded on ICMR Portal should be reported immediately through e-mail to District Surveillance Officer with a CC to knlabcovid19@gmail.com. The e-mail IDs of DSOs and DHOs are annexed. (Annexure-02).

5. Lab should send SMS to the patients with COVID-19 NEGATIVE results in the given format. (Annexure-03).

6. All laboratories should compulsorily be registered under RT-PCR App. Contact the District Surveillance Officer for registration.

SOP for Rapid Antigen test reports:

1. All samples should mandatorily be collected through RT-PCR App to generate SRF ID.

2. If the RT-PCR lab is doing Rapid Ag test, the results should be uploaded to ICMR portal using the same login credentials that are used for uploading results of RT-PCR tests.

Page 1 of 8

3rd Floor, IPP Building, Anand Rao Circle, Bangalore - 560009.

3. Only ICMR approved Rapid Ag kits should be used for testing. Visit https://www.icmr.gov.in/ckitevaluation.html for details of approved antigen kits.

4. If the test is "Antigen POSITIVE", individual should be considered 'Confirmed Positive'.

5. If the test is Negative, and suspect is Asymptomatic, individual should be considered as 'confirmed negative'.

6. If the suspect is 'symptomatic', another NP/OP swab is collected (**without generating new SRF ID**) in VTM for real-time RT-PCR test. Follow the ICMR algorithm attached below.

7. If the suspect is 'Symptomatic', the Samples should be collected for both Rapid antigen test and RT-PCR test together at a time from all Symptomatic cases irrespective of Antigen test result. If the Antigen test result turns out,

    a. POSITIVE, then the sample collected in the VTM may be discarded in biohazard bag (double layered, leak proof) containing 2% Lysol or 5% freshly prepared hypochlorite solution. The bag is then sealed using plastic tag and disposed in accordance with the national guidelines for biomedical waste disposal.

    (Visit site at : https://dhr.gov.in/document/guidelines/bio-medical-waste-management-rules-2016)

    b. NEGATIVE, then the sample collected in the VTM can be sent to RT-PCR lab along with the same SRF ID for confirmation.

ICMR portal entry:

1. All test results should be uploaded to ICMR portal irrespective of the method of test performed.

2. If the RT-PCR lab performs rapid Antigen test, the test result should be mandatorily be entered into the ICMR portal using the same login credentials used for uploading RT-PCR results.

3. Fetching SRF of RT-PCR repeat/follow up samples:

    (**New SRF ID** will be provided along with the repeat/ follow up samples that were tested by any method other than Rapid Antigen test)

    c. If the first test is done in the same lab, then 'List/Edit/Follow up' option can be used to fetch the patient details for the repeat/follow up test.

    d. If the first test is done in some other lab, then the patient details can be retrieved using 'Search Patient' option.

4. Fetching patient details for follow up sample from Symptomatic Negative cases tested using Rapid Ag kit:

   a. Ensure the availability of ICMR ID/Patient ID for each follow up samples that were tested Negative by rapid antigen test from Symptomatic cases.

   b. Retrieve such follow up samples only through 'Search patient' option to enable linking of the Antigen test with follow up RT-PCR test.

   c. When the SRFs of such cases are tried to retrieve in the RT-PCR lab through 'add record from SRF portal' option, an error message saying "The record corresponding to this SRF is already fetched by xyz lab" will appear as the antigen test result has already been uploaded to ICMR portal for this SRF. Hence, the RT-PCR lab should retrieve such cases through "Search Patient" option.

   d. While entering results through Search Patient option, if an error message saying "No matching records found", then please communicate to the concerned District Surveillance Officer of the district to upload the Antigen test results.

   e. If a blank page without any patient details opens for any SRF, please communicate to the concerned DSO to confirm if the SRF is submitted properly by the swab collector in the RT-PCR App. There may be a chance of deleting the SRF after generation due to various reasons at swab collection center.

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Enclosures:
1. Annexure – 01 – Format to receive samples from the district
2. Annexure – 02 – Contact details of District Surveillance Officers and DHOs of all districts.
3. Annexure – 03 – SMS Format
4. Annexure – 04 – Rapid Antigen test algorithm.

Name of the District:

Total Number of samples:

Lab of the lab where the samples are sent to:

Sl. No	Name of the patient	Age	Sex	SRF ID generated through RT- PCR App	Category A	Category B	Repeat sample	Follow up sample taken from Known positive case	Follow up sample from Rapid Ag test	ICMR ID/ Patient ID (Only for Repeat samples from Rapid Ag test)
					Put a tick mark					

CONTACT DETAILS OF DISTRICT SURVEILLANCE OFFICE

Sl. No	District	Name of the DSO	Contact Number	DSO E-mail ID	Name of the DHO	Contact Number	DHO E-mail ID	COVID E-mail Id
1	BAGALKOTE	Dr.Vijay R Kanthi	9449843247	dso.bgk@rediffmail.com	Dr A N Desai	9449843041	dhobagalkote@gmail.com	dsobgkcovid@gmail.com
2	BANGALORE RURAL	Dr.Dharmendra	9901961771	bangaloreruralcovid19@gmail.com	Dr. Manjula Devi	9449843038	dhobangalorerural@gmail.com	bangaloreruralcovid19@gmail.com
3	BANGALORE URBAN	Dr.Manohar N	9449042433	dsubangaloreurban@gmail.com	Dr. Srinivas G A	9449843037	dhobangaloreurban@gmail.com	covid19dsubangaloreurban@ gmail.com
4	BELAGAVI	Dr. B N Tukar	9449843245	dsubgm@gmail.com	Dr S V Munal	9449843039	dhobelgaum@gmail.com	dsubelagavicovid19@gmail.com
5	BELLARI	Dr.Mariyambi V K	8660985827	dsubellary@gmail.com	Janardhan H L	9449843042	dhoballari-hfws@karnataka.gov.in	covid19ballari@gmail.com
6	BIDAR	Dr.Lakka Krishna reddy	9449843246	dsobidar@gmail.com	Dr. V G Reddy	9449843040	dhobidar@gmail.com	covidbidar@gmail.com
7	BIJAPUR	Dr. Mallanagouda B Biradar	9449843249	dsubijapur@yahoo.co.in	Dr M MKapse	9449843043	dhobijapur@gmailcom	dsubijapur2020@gmail.com
8	Chamarajanagara	Dr.Nagaraju .M	9449843253	dsuch_nagar@yahoo.co.in	Dr M.C Ravi	9449843047	dhochamarajanagar@gmail.com	covid19chamarajanagar@gm ail.com
9	CHIKKABALLAPURA	Dr. Yalla Ramesh Babu	9449843252	dsocbpura@gmail.com	Dr. Yogeshgowda	9449843046	dhochikkaballapur@gmail.com	covidcbpura@gmail.com
10	CHIKKAMAGALORE	Dr.Manjunatha HK	9741642474	ckmidsp1_lab@yahoo.co.in	Dr.Umesh SN	9448971953	dhochikmagalur@gmail.com	ckmcovid19lab@gmail.com
11	CHITRADURGA	Dr. Thulasi ranganath V	9449843250	dsochitradurga-hfws@karnataka.gov.inidspchitradurga@gmail.com	Dr.Palaksha C L	9449843044	dhochitradurga-hfws@karnataka.gov.in, dhochitradurga@gmail.com	dsucovid19cta@gmail.com
12	DAKSHINA KANNADA	Dr.JAGADEESH	9449843255	dsomangalore@yahoo.co.in	Dr.Ramachandra bayari	9449843418	dhodkannada2019@gmail.com	covid19dphldk@gmail.com
13	DAVANGERE	DrRaghavan G D	9449843256	dsu_dvg@yahoo.co.in	Dr.Raghavendra H S	9449843051	dhodavangere@gmail.com	dsudvgcovid19@gmail.com
14	DHARWADA	Dr.Sujata V Hasavimath	9449843254	idspdharwad@gmail.com	Dr.Yashwanth AMadinkar	9449843049	dhodharwad@gmail.com	dharwadcovid@gmail.com
15	GADAG	Dr.Rajendra C Basarigidad	9449843257	dsugadag@rediffmail.com	Dr.Satish C Basarigida	9449843052	dhogadag@gmail.com	dsugadagcovid19@gmail.com
16	GULBARGA	Dr.shivasharanappa	9449843258	idspgulbarga@gmail.com	Dr M A Jabbar	9449843053	dhogulbarga@gmail.com	dsuklbcovid19@gmail.com

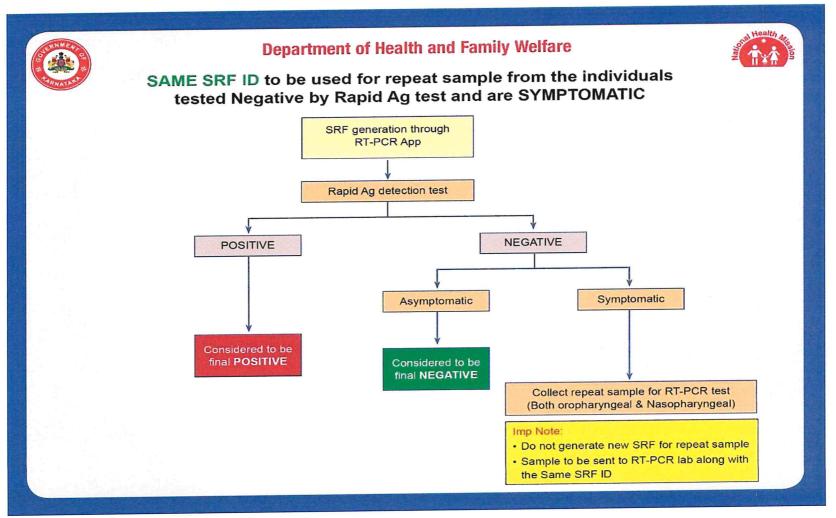| Sl. No	District	Name of the DSO	Contact Number	DSO E-mail ID	Name of the DHO	Contact Number	DHO E-mail ID	COVID E-mail Id
17	HASSAN	Dr. Hirannaiah	9449843260	idsp_hassan@yahoo.co.in	Dr.Sathishkumar	9449843055	dhohassan@gmail.com	idsphassan1983@gmail.com
18	HAVERI	Dr.Jagadish O Patil	9606887370	dsohaveri@gmail.com	Dr.RajendraDoddamani	9449843054	dhohaveri@gmail.com	havericovid@gmail.com
19	KODAGU	Dr. Shivakumar.M	9449843263	dsokodagu2020@gmail.com	Dr. K.Mohan	9449843058	dhokodagu@gmail.com	kodagucovid@gmail.com
20	KOLAR	Dr. Charini M. A	9449843262	kolardsu@gmail.com	Dr. Vijakumar. S. N	9449843057	dhoklr@gmail.com	kolarcovid19@gmail.com
21	KOPPAL	Dr.Virupakshareddy S Madinoor	9449843261	dsukpl@yahoo.co.in	DrLingaraju T	9449843056	dhokoppal@gmail.com	covid19koppal@gmail.com
22	MANDYA	Dr. Balakrishna BS	9449843264	dsu.mandya@gmail.com	Dr. Manchegowda H P	9449843059	dho.mandya@gmail.com	mandyadso2020@gmail.com
23	MYSORE	Dr. T Shivaprasad	9449843265	dsomysuru@gmail.com	Dr. Venkatesh R	9449843060	dhomysore@gmail.com	covid19mysuru@gmail.com
24	RAMNAGARA	Dr.Manjunath	9844417125	dsuramanagara@gmail.com	Dr. Niranjan B S	9449843061	dhoramanagaram@gmail.com	covid19rmg@gmail.com
25	RAICHUR	Dr. K Nagaraj	9449843267	dsoraichur@gmail.com	Dr.Ramakrishna H	9449843062	dhoraichur@gmail.com	rcrcovid@gmail.com
26	SHIMOGA	Dr.Shankarappa B S	9481981739	covid19shimoga@gmail.com	Dr. Rajesh Surgehalli	9449843063	dhoshimoga@gmail.com	covid19shimoga@gmail.com
27	TUMKUR	DR. MOHANDAS R V	9449843269	dsu_tumkur@yahoo.co.in	Dr. Chandrika	9449843064	dhotumkur@gmail.com	covidreportstmk@gmail.com
28	UDUPI	Dr.Vasudev	9449843271	dsoudupi@yahoo.co.in, dsoudupi@gmail.com	Dr.Sudheer Chandra Sooda	9449843066	dhoudupi@gmail.com	covid19udupi@gmail.com
29	UTTARA KANNADA	Dr.VinodBhute	9449843270	dsu_karwar@yahoo.com	Dr G N Ashok Kumar	9845815342	dhoukannada@gmail.com	coviduk19@gmail.com
30	YADGIRI	Dr.Vivekananda Tenge	9019410908	dsoyadgiri@gmail.com	Dr.M.S.Patil	9741568789	dhoyadgiri2@gmail.com	covid19ydg@gmail.com
31	BBMP	Dr. Venkatesh	9480685370	idspbbmp135@gmail.com	Dr. Vijayendra	9448140924	chobbmp@gmail.com	bbmpcovid19@gmail.com

Annexure – 03

For Antigen test:

Dear XYZ (Age, Gender), Your COVID-19 Antigen Test (SRF ID: xxxxxxxxxxxx) is NEGATIVE. However, if you are symptomatic, a confirmatory RT-PCR swab should have been drawn and Please wait for that result by staying in home quarantine. Help us in our fight against COVID-19.

For RT-PCR test:

Dear XYZ (Age, Gender), Your COVID-19 RT-PCR Test (SRF ID: xxxxxxxxxxxx) is NEGATIVE. However, if you develop any symptoms like fever, coughs, and breathlessness, please call toll free number 14410 or 104 and stay in home quarantine until you are get tested NEGATIVE for COVID-19. Help us in our fight against COVID-19.

Department of Health and Family Welfare

SAME SRF ID to be used for repeat sample from the individuals
tested Negative by Rapid Ag test and are SYMPTOMATIC

SRF generation through
RT-PCR App

Rapid Ag detection test

POSITIVE

NEGATIVE

Asymptomatic

Symptomatic

Considered to be
final **POSITIVE**

Considered to be
final **NEGATIVE**

Collect repeat sample for RT-PCR test
(Both oropharyngeal & Nasopharyngeal)

Imp Note:
- Do not generate new SRF for repeat sample
- Sample to be sent to RT-PCR lab along with
  the Same SRF ID