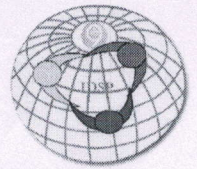




HEALTH DEPARTMENT
GOVERNMENT OF HARYANA
INTEGRATED DISEASE SURVEILLANCE PROGRAMME

Website: haryanahealth.nic.in

Email: dhs.idspdatam@hry.nic.in



From

Director General Health Services,
Haryana, Panchkula.

To

All Civil Surgeons,
Haryana.

No. 32/3-IDSP-2020-4085-4106

Dated: 6/7/2020

Subject: Regarding conducting Sero-Surveys by using IgG ELISA Test to understand the proportion of population exposed to SARS-CoV-2 infection including asymptomatic individuals.

In reference to the subject cited above,

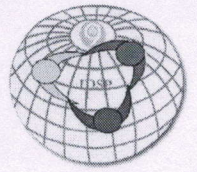
2. As you are aware that Real-time i.e. RT-PCR test is considered Gold Standard front line test for Clinical Diagnosis of SARS-CoV-2, causing COVID-19. Further to know the proportion of population exposed to SARS-CoV-2 infection including asymptomatic individuals, the ICMR has recommended the use of Rapid Antibodies test kits. Consequently ICMR-National Institute of Virology, Pune have developed and validated an indigenous IgG ELISA test for antibody detection for SARS-CoV-2.
3. The IgG antibodies generally start appearing after two weeks of onset of infection, once the individual has recovered after the infection and last for several months. **Therefore, the IgG test is not useful for detecting acute infection** but indicates episode of SARS-CoV-2 infection in the past. However, detection of IgG Antibody is useful to understand the proportion of population exposed to SARS-CoV-2 infection including asymptomatic individuals and who has been infected in the past and has now recovered.
4. With presently available IgG ELISA test, a total of 90 samples can be tested together in a single run of two and a half hours. There are also minimal bio-safety and bio-security requirements as compared to the real-time RT-PCR test.
5. An indicative list of different groups/population, which may be considered for sero-survey is as follows: -
 - I. Immuno-compromised patients.
 - II. Individual in containment zones.
 - III. Health Care Workers
 - IV. Security Personnel
 - V. Police and paramilitary personnel civil defense & volunteers.
 - VI. Press Corps.
 - VII. Rural, tribal population (after reverse migration)
 - VIII. Industrial workers or Labour force.
 - IX. Farmers, vendors visiting large markets.
 - X. Staff in municipal bodies.
 - XI. Drivers.
 - XII. Banks, post, couriers, telecom offices.



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- XIII. Shops.
- XIV. Air travel related staff.
- XV. International operation.
- XVI. Congregate settings
- XVII. Prisons.
- XVIII. All pre-operative patients
- XIX. Pregnant women who are residing in containment zone and likely to be delivered within one week.
- XX. All elderly vulnerable population in containment zone.

6. In this regard, you are requested to do IgG ELISA Test by doing Sero-survey to understand the proportion of population exposed to SARS-CoV-2 infection including asymptomatic individuals. Accordingly, the detail of the distribution of kits is as follows: -

Sr. No.	Name of the District	No. of kits to be supplied	Approx. number of Tests
1	Ambala	20	1800
2	Bhiwani	20	1800
3	Charkhi Dadri	20	1800
4	Faridabad	20	1800
5	Fatehabad	20	1800
6	Gurugram	20	1800
7	Hisar	20	1800
8	Jind	20	1800
9	Jhajjar	20	1800
10	Karnal	20	1800
11	Kurukshetra	20	1800
12	Kaithal	20	1800
13	Mahendergarh	20	1800
14	Nuh	20	1800
15	Palwal	20	1800
16	Panchkula	20	1800
17	Panipat	20	1800
18	Rohtak	20	1800
19	Rewari	20	1800
20	Sonepat	20	1800
21	Sirsa	20	1800
22	Yamunanagar	20	1800
Total		440	39600

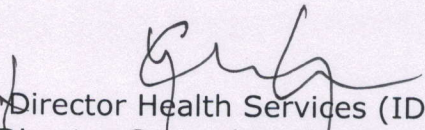
7. You all are directed to conduct 40 samples per day by per team.

8. The detail of the reporting formats being enclosed along with Standard Operating Procedure is as under:

- Form No. -I: Patient's detail to be filled by team member,
- Form No. -II. Daily reporting format for team,
- Form No. III.: District Reporting format to be shared with the State Head quarter
- Form No. IV: Details of team enrolled in the Sero Surveillance,
- Form No. V: Consent Form, to be filled or duly signed by the volunteer.



9. It is once again reiterated that the above said kits may be used for conducting Sero-survey on large number of individuals on various categories of population mentioned above.

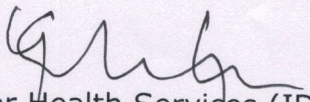

Director Health Services (IDSP)
O/o Director General Health Services
Haryana, Panchkula. ✓

No. 32/3/IDSP/20/4107-4129

Dated: 06/07/2020

A copy is forwarded to the followings for information and necessary action please:

1. **Managing Director, HMSCL, Sector-2, Panchkula with the request to issue instructions to the ware houses for distribution of kits as mentioned above.**
2. **All District Surveillance Officers.**

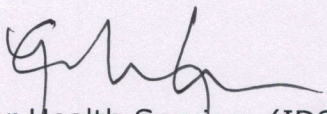

Director Health Services (IDSP)
O/o Director General Health Services
Haryana, Panchkula. ✓

No. 32/3/IDSP/20/4130-4132

Dated: 06/07/2020

A copy is forwarded to the followings for kind information please:

1. **Worthy Additional Chief Secretary, Health, Haryana**
2. **Mission Director- NHM, Haryana**
3. **DGHS, Haryana**


Director Health Services (IDSP)
O/o Director General Health Services
Haryana, Panchkula. ✓



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FORM - I

TEAM NO.

DATE

STATE		DISTRCT	
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PERSONAL DETAIL

NAME					
AGE		SEX	M F/ Others	NATIONALITY	Indian/Others
CONTACT NO.					
ADDRESS					

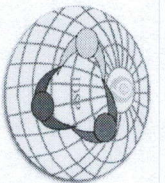
CATEGORRY			
1	The Immuno-compromised patients		
2	Individuals in containment zones		
3	Health care Workers		
4	Security personnel		
5	Police and paramilitary personnel Civil defense & volunteers		
6	Press corps		
7	Rural, tribal population (after reverse migration)		
8	Industrial workers or labor force		
9	Farmers, vendors visiting large markets		
10	Staff in municipal bodies		
11	Drivers		
12	Banks, post, couriers, telecom offices		
13	Shops		
14	Air travel related staff		
15	International operations		
16	Congregate settings/ Slum Areas		
17	Prisons		
18	Pre-operative Patient		
19	Pregnant women likely to deliver in one week		
20	Elderly vulnerable population in containment zone		
SYMPTOMATIC		YES	NO
S.NO	DETAILS OF SYMPTOMS		
1	Fever		
2	Cough		
3	Headache		
4	Stomach Ache		
5	Loss of Smell		
6	Sore throat		
7	Shortness of breath		
8	Running Nose		
9	Body Ache		
10	Tiredness		
11	Loss of Taste		
12	Any Other Specify		

RESULT	POSITIVE	NEGATIVE	INCONCLUSIVE

Signature



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FORM - II

STATE: HARYANA

DATE: / /

Daily Reporting Format for Team

S.No	Team No.	Name of person	Age	Contact No.	Address	Category (Mention above in sr no. 1 to 20)	Result			Remarks
							+ve	-ve	Inconclusive	

Signature



District Reporting Format

FORM -III

STATE:			DISTRCT:	
TOTAL TEAM			DATE	/ /

CATEGORRY	No. of sample collected	Result			Remarks
		+ve	-ve	Inconclusive	
1	The Immuno-compromised patients				
2	Individuals in containment zones				
3	Health care Workers				
4	Security personnel				
5	Police and paramilitary personnel Civil defense & volunteers				
6	Press corps				
7	Rural, tribal population (after reverse migration)				
8	Industrial workers or labor force				
9	Farmers, vendors visiting large markets				
10	Staff in municipal bodies				
11	Drivers				
12	Banks, post, couriers, telecom offices				
13	Shops				
14	Air travel related staff				
15	International operations				
16	Congregate settings/ Slum Areas				
17	Prisons				
18	Pre-operative Patient				
19	Pregnant women likely to deliver in one week				
20	Elderly vulnerable population in containme zone				
Total					

(Note: Daily reporting to be shared with State)

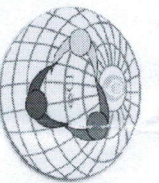
Line listing along with the report

S.No	Team No.	Name of person	Age	Contact No.	Address	Category (Mention above in sr no. 1 to 20)	Result			Remarks
							+ve	-ve	Inconclusive	

District Surveillance Officer



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FORM- IV

STATE: HARYANA

DISTRICT: _____

DATE: ___ / ___ / ___

DETAILS OF TEAM ENROLLED IN THE SERO SURVEILLANCE

S.No	Team No.	Name of team member	Designation	Contact No.	Name of supervisor	Area Allotted	Date of Visit	No of samples collected

Signature

CONSENT FORM

We are asking you to take part in research study for Sero-surveys to understand the proportion of population exposed to COVID-19 infection. Depending upon the level of Sero-Prevalence of Infection, appropriate Public Health interventions can be planned and implemented for Prevention and Control of the disease.

You will have to give 5ml blood sample to us to decide to take part in this research. I reiterate that the extreme confidentiality will be maintained during entire course of the study.

The information we obtain from this study will help the District to understand the proportion of population exposed to COVID-19 infection. Depending upon the level of Sero-Prevalence of Infection, appropriate Public Health interventions can be planned and implemented for Prevention and Control of the disease.

Taking part in this study is solely at your free beside information collected including name from you will not be disclosed to anyone except persons directly involve in study. We will not use your name in any report. Your cooperation will definitely improve the outcome of this study will bring definite change in the prevention and management of the COVID-19 cases.

Name and signature of respondent

Adress:

Name and signature of phlebotomist