



GOVERNMENT OF KARNATAKA

No: HFW 91 CGM 2020

Karnataka Government Secretariat,
Vikasa Soudha,
Bengaluru, Date: 17th April 2020.

CIRCULAR

SUB : Guidelines for Rapid Antibody based Blood test for COVID -19 and rationale use of the kits.

REF : ICMR D.O No.ECD / COVID -19 /2020 Dated : 04 / 04/2020

As per the expert group deliberations on the Advisory issued by ICMR based on Rapid Antibody based Blood test for COVID -19, the following guidelines are made :

1. RAPID ANTIBODY DETECTION KITS FOR COVID -19 detect antibodies in the blood sample to SARS COV-2. A positive result in the test indicates exposure to SARS COV-2. Antibodies can be detected in a sample beyond seven days of exposure to the virus.
2. ***This test is not recommended for laboratory confirmation of COVID -19 and is not an alternative to RT -PCR Test.***
3. The RAPID ANTIBODY DETECTION KITS FOR COVID-19 are recommended for use in the following priority groups :

GROUP 1

- a. COVID hospital health care workers
- b. Non-COVID hospital health care workers

GROUP 2

- a. Government personnel in public contact
- b. Special groups in public contact like personnel in ration shops and milk booths, volunteers, delivery personnel etc.

GROUP 3: Quarantined individuals

GROUP 4

- a. Vulnerable groups – 60+ years and children
- b. Others

4. The committee recommends rationale use of Rapid Antibody detection Kits in a stratified manner which is detailed in **Annexure -1** .
5. Prior to large scale use of this kit at the population level, validation to determine it's utility should be assessed as per the details given in **Annexure -2**.

Jawaid 17/4/20
(JAWAID AKHTAR)

Additional Chief Secretary to Government
Health and Family Welfare Department

To:

- 1) Commissioner, Health & Family Welfare Services, Bengaluru.
- 2) Mission Director, National Health Mission, Bengaluru.
- 3) All Deputy Commissioners.
- 4) Director of Health & Family Welfare, Bengaluru
- 5) Director of Medical Education, Bengaluru
- 6) Project Director (IDSP)/Joint Director (CMD), Health & Family Welfare Services, Bengaluru.
- 7) All District Health Officers / All Dist. Surgeons.
- 8) All Govt. / Private Superintendents of Medical Colleges.

ANNEXURE -1
RECOMMENDED ALLOCATION FOR 100,000 SERUM TESTING KITS FOR COVID-19
GUIDELINES FOR DISTRIBUTION

- Per district=~3300 testing kits/district
- Red districts (20) =66000 (3300 x 20)
- Green districts (10) =34000 (3400 x 10)

PRIORITY GROUPS	ALLOCATION FOR ONE DISTRICT	
	RED DISTRICT	GREEN DISTRICT
GROUP 1		
a. COVID hospital health care workers	a. 330 (10% of total allocation)	a. Not applicable
b. Non-COVID hospital health care workers	b. 500 (15% of total allocation)	b. 850 (25% of total allocation)
GROUP 2		
a. Government personnel in public contact	a. 660 (20% of total allocation)	a. 680 (20% of total allocation)
b. Special groups in public contact like personnel in ration shops and milk booths, volunteers, delivery personnel etc)	b. 200 (~5% of total allocation)	b. 200 (~5% of total allocation)
GROUP 3: Quarantined individuals	825 (25% of total allocation)	850 (25% of total allocation)
GROUP 4		
c. Vulnerable groups – 60+ years and children	a. 660 (20% of total allocation)	a. 680 (20% of total allocation)
d. Others	b. 115 (remaining allocated)	b. 140 (remaining allocated)

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ANNEXURE -2
GUIDELINES FOR DISTRIBUTION

- 100,000 testing kits (for 30 districts in the state).
- ~3300 testing kits per district
- **RED DISTRICTS = 20 (3300 x 20=66000)**

PRIORITY GROUP 1

1. COVID hospital health care workers – 330 (10% of total allocation)
2. Non-COVID hospital health care workers – 500 (15% of total allocation)

PRIORITY GROUP 2

1. Government personnel in public contact – 660 (20% of total allocation)
2. Special groups in public contact like personnel in ration shops and milk booths, volunteers, delivery personnel etc) – 200 (~5% of total allocation)

PRIORITY GROUP 3

1. Quarantined individuals – 825 (25% of total allocation)

PRIORITY GROUP 4

1. Vulnerable groups – 60+ years and children – 660 (20% of total allocation)
2. Others – 115 (remaining allocated)

GREEN DISTRICTS = 10 (34000)

PRIORITY GROUP 1:

1. Non-COVID hospital health care workers – 850 (25% of total allocation)

PRIORITY GROUP 2

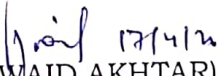
1. Government personnel in public contact – 680 (20% of total allocation)
2. Special groups in public contact like personnel in ration shops and milk booths, volunteers, delivery personnel etc) – 200 (~5% of total allocation)

PRIORITY GROUP 3

1. Quarantined individuals – 850 (25% of total allocation)

PRIORITY GROUP 4

1. Vulnerable groups – 60+ years and children – 680 (20% of total allocation)
2. Others – 140 (remaining allocated)


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