COVID-19 Testing at Large Community Clusters & Coastal Areas of Thiruvananthapuram

No.31/F2/2020/ Health 18th July 2020

The District Surveillance Unit and State Surveillance Unit are doing analysis to identify the clusters in the State. In already detected large community clusters, testing need to be conducted with an objective to isolate positive cases at the earliest who could potentially transmit the diseases. Also, priority need to be given for vulnerable individuals with an objective to prevent mortality and severe morbidity.

In this context the following testing strategy is recommended in Thiruvananthapuram coastal community clusters. The District Surveillance Unit shall continue with the testing strategy as instructed earlier in the rest of the district by prioritizing samples from people congregation areas.

Testing Strategy 1: All Symptomatic Individuals including Influenza Like Illness

Antigen tests to be offered to all symptomatic individuals with an objective to detect cases early. Those positive on antigen tests shall be considered as Positive and managed as per guidelines. Those negative on antigen need to be retested using an RTPCR based tests.

Testing Strategy 2: Following individuals need to be tested in large community clusters

1. All Elderly people above 60 years
2. Anybody with co-morbid illness
3. All Pregnant and Postnatal women
4. All Children with severe acute malnutrition
Antigen test need to be done for the above said categories of individuals. Those positive on antigen tests shall be considered as Positive and managed as per guidelines. No need to repeat the test if the individuals are absolutely without any symptoms. All vulnerable individuals to remain in reverse quarantine if the test is negative and repeat the test even at the onset of mild symptoms.

**Schematic Representation of Testing in Large Community Clusters**

- Anybody with Symptoms
- Antigen Test
  - Positive: Isolate and Treat as per guidelines
  - Negative: Home Isolation

- Elderly >60 years
- People with co-morbidity
- Pregnant and Postnatal
- Children with SAM
- Antigen Test
  - Positive: Isolate and Treat as per guidelines
  - Negative: Reverse Quarantine

- Retest using RTPCR
- Repeat if symptomatic
RECORDING AND REPORTING of RAPID Antigen Test Assay

The DSO shall register in the Kerala government online portal (Healthmon) for real time reporting. All results (both positive and negative) should be entered in the following link: https://healthmon.kerala.gov.in/rapidtest real time.

Daily Summary (12 noon-12 noon of previous day) of total tests should be entered at 12 noon every day at https://healthmon.kerala.gov.in/rapidtest under daily summary.

[Signature]
Principal Secretary
Annexure-1

Government of Kerala

RAPID ANTIGEN TEST USING STANDARD Q COVID-AG KIT FOR COVID-19

SAMPLE ID NO: [LSG name /SQ/DATE/SAMPLE NO.]

<table>
<thead>
<tr>
<th>Name</th>
<th>LSG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age:</td>
<td>Gender: Male/ Female/ Other</td>
</tr>
<tr>
<td>Phone Number</td>
<td></td>
</tr>
<tr>
<td>District</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Occupation</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symptoms:</th>
<th>Yes/N o</th>
<th>Date of onset:</th>
<th>Previously diagnosed with COVID-19</th>
<th>Yes/NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel outside Kerala/country in last 14 days</td>
<td>Yes/N o</td>
<td>If yes.......................</td>
<td>Physiological status</td>
<td>Pregnant postnatal lactating</td>
</tr>
<tr>
<td>Yes/N o</td>
<td>If yes.......................</td>
<td>Comorbidity</td>
<td>Yes/No</td>
<td>.....................</td>
</tr>
<tr>
<td>Contact with any COVID suspect:</td>
<td>Yes/N o</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Q Test Result:</th>
<th>Positive</th>
<th>Negative</th>
<th>Inconclusive</th>
</tr>
</thead>
</table>

Signature of Doctor:.................................

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