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भारतीय आयुर्विज्ञान अनुसंधान परिषद

स्वास्थ्य अनुसंधान विभाग

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No: Inf/Covid-19/Evaluation/2020-81

12<sup>th</sup> May 2020

Ms. Ajay Bio Tech India Ltd.

Subject: Performance Evaluation Report for the ViroTrap VTM kit, Ajay Bio Tech India Ltd.

Sir

We have evaluated the ViroTrap VTM kit, Ajay Bio Tech India Ltd. The final report is attached for your information.

Yours sincerely

  
Prof. Priya Abraham

Director

**विश्व स्वास्थ्य संघटन**

उभरते वायरल संक्रमणों का सहयोग केन्द्र

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**WORLD HEALTH ORGANIZATION**

Collaborating Centre for Emerging Viral Infections

National Influenza Centre

Referral Lab for Polio, Measles and Rubella

**Evaluation report for VTM and swabs**

**Objective:** To evaluate the performance of throat swabs and VTM

**Company Name:** ViroTrap, Ajay Bio Tech India Ltd.

**VTM and Swab material:** Virus Transport kit with throat swab

**Methodology:** Throat swabs were collected from ten healthy individuals and swabs were transferred in to VTM tubes. Ten VTM tubes were spiked with 100 µl of a strong SARS-CoV-2 positive sample and all twenty tubes were kept at 4°C for 12 hrs. RNA was extracted and tested for viral targets (E, ORF1b and RdRp genes) and human RNaseP gene (internal control) using ICMR-NIV assay.

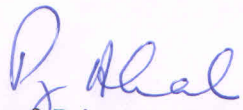
**Results:**

- 1) Viral target amplification was seen in ten tubes spiked with the virus
- 2) Amplification of internal control was noted in all twenty tubes

The swabbed individuals did not report any discomfort during the swabbing process.

**Conclusion:**

The Viral Transport kit containing throat swabs and VTM, ViroTrap, Ajay Bio Tech India Ltd. was considered as **SATISFACTORY** since viral target amplification was seen in all the tubes spiked with virus and amplification of internal control was noted in all samples.



Prof. Priya Abraham

Director

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For kit evaluation team

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