



Laboratory Analysis Report

File No	: 056586	Emirate ID	: 784-1996-3747847-2
Name	: MISS.SHAMEKA SALSABIL CHOUDHURY	DOB	: 08/02/1996
National Id	: 784-1996-3747847-2	Age	: 28 Y 11 M
Clinic	: JUSTLIFE HOME HEALTHCARE	Gender	: Female
Speciality	: Pathology	Registered Time	: 13/01/2025 22:26
Sample Id	: G9656337739	Collected Time	: 13/01/2025 15:39
Nationality	: British	Reported Time	: 14/01/2025 04:14
		External Visit ID/MRN	: [0A58ED]

MOLECULAR MICROBIOLOGY

Test Name	Result	Flag	Unit	Reference Range	Method	Sample
RV-Panel A RT-PCR Assay						
Influenza A H1N1pdm09 (Flu A-H1N1pdm09)	Not Detected			Nor Detected	RT-PCR	Nasopharyngeal Swab
Influenza A H3N2 (Flu A-H3N2) Influenza A virus (Flu A)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Influenza B Virus (Flu B)	Not Detected			Not Detected	Multiplex Rt- PCR	Nasopharyngeal Swab
Respiratory Syncytial virus A (RSV A)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Respiratory Syncytial virus B (RSV B)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Parainfluenza virus 1 (PIV1)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Parainfluenza virus 2 (PIV2)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Parainfluenza virus 3 (PIV3)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab



Result Entered by
**ABDUR REHMAN
BIOTECHNOLOGY**



Result Approved By

Dr. Joyce Jose
Specialist Clinical Pathologist
DHA-License No: 00227798-004



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Test Name	Result	Flag	Unit	Reference Range	Method	Sample
RV-Panel A RT-PCR Assay						
Adenovirus (AdV)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab

Interpretation Notes :

COMMENTS

1. The test is performed by Multiplex real -time PCR methodology with the Lowest limit of detection (LOD) ranges with 95% hit rate.
2. Clinical Sensitivity: – 96.24 % - 100 %
3. Clinical specificity – 99.78- 100 %
4. Reproducibility - 100 %

INTERPRETATION OF THE RESULT

Not Detected: indicates that the pathogen is either not present in the specimen or is present at a concentration below the assay's lower limit of detection. This result may be influenced by the stage of the infection and the quality of the specimen collected for testing. Repeat the test if deemed necessary.

Detected: indicates that the pathogen is present in this specimen. Results should be interpreted in the context of all available investigation results and clinical findings.

Clinical Significance:

Respiratory infections are common and generally cause self-limited illnesses in healthy, immunocompetent hosts. Viruses account



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RV-Panel A RT-PCR Assay

for a significant percentage of respiratory diseases, but bacteria can be associated with respiratory infections. Although respiratory illnesses are frequently mild, viruses may cause significant morbidity and mortality in individuals who are immunocompromised (e.g., transplant recipients, patients with underlying malignancies).

This test is a based-on C-Tag™ Technology, a patented* innovative system for the detection of multiple pathogens in multiple tube reaction, capable of qualitatively detecting DNA or RNA of 28 pathogens (bacteria and viruses) in approximately 5-6 hours using human nasopharyngeal swab and sputum specimens. Compared to traditional Real-time PCR systems, this technology allows significant optimization of time and laboratory resources.

LIMITATIONS OF TEST

1. Results from this test must be correlated with the clinical history, epidemiological data, and other data of the patient available to the clinician.
2. Inaccurate results occur If the samples are not properly collected, stored, and transported.
3. Even if the results of this test are negative, it is not recommended to rule out the possibility of the infection being actually present.
4. False-positive results may occur due to cross-contamination.
5. False- negative results may occur due to polymerase inhibition.

---End of Report---

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Test Name	Result	Flag	Unit	Reference Range	Method	Sample
RV Panel B -RT PCR Assay						
Coronavirus OC43 (CoV-OC43)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Coronavirus NL63 (CoV-NL63)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Coronavirus 229E (CoV-229E)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Coronavirus HKU1 (CoV-HKU1)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Parainfluenza virus 4 (PIV4)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Human Rhinovirus (hRV)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Human Enterovirus (hEV)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Human Bocavirus (hBoV)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab
Human Metapneumovirus (hMPV)	Not Detected			Not Detected	RT-PCR	Nasopharyngeal Swab



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Free Online teleconsultation link: <https://calendly.com/justlifehomehealthcare/15min>Result Entered by
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