

A COVID-FREE FLIGHT IS NOW EASY TO ACHIEVE



**PREFLIGHT COVID PCR TEST
FDA AUTHORIZED! ACCURATE! FAST!**

BIOME ME SARS-COV-2 REAL TIME RT-PCR TEST

Adams Medical is proud to introduce the Biomeme SARS-CoV-2 RealTime RT-PCR Test to detect Covid-19 in airline passengers and crew members that can provide results in **same day** while they are at the airport.

The FDA Authorized, highly accurate portable analyzer and its sample preparation kits can be used anywhere including airport terminal settings prior so that passengers and crew members can be screened prior to boarding a plane enabling a safe, Covid-free flight.

FDA AUTHORIZED

On August 11, 2020 FDA Authorized the use of Biomeme SARS-CoV-2 Real Time RT-PCR Test to detect Covid-19 after reviewing its performance.

ACCURATE

Based on the outcome of clinical studies held in several respected health centers, it's been shown to have **97.46% Sensitivity** and **98.51% Specificity**.

FAST

Once a patient sample is obtained, it requires only 10 minutes of preparation and 65 minutes of analysis with the portable analyzer to obtain results.



August 11, 2020

Brittany Gaines
Quality Assurance
Biomeme, Inc.
1015 Chestnut Street, Suite 1401
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Device: Biomeme SARS-CoV-2 Real-Time RT-PCR Test
Company: Biomeme, Inc.

Indication: Qualitative detection of nucleic acid from SARS-CoV-2 in nasopharyngeal, nasal, and oropharyngeal swab specimens, and nasopharyngeal wash/aspirate or nasal aspirate specimens collected from individuals suspected of COVID-19 by their healthcare provider.

Emergency use of this test is limited to authorized laboratories.

Authorized Laboratories: Laboratories certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, that meet requirements to perform high complexity tests.

Northwell Health Study

Northwell Health is New York State's largest healthcare employer, with more than 68,000 employees and home to 23 hospitals.

Northwell completed a clinical evaluation of the Biomeme SARS-CoV-2 Real-Time RT-PCR Test with clinical nasopharyngeal and oropharyngeal samples with a range of Ct values.

The study found a 98% correlation of our test.

Sunnybrook Study

Sunnybrook Health Sciences Centre is an academic health science center located in Toronto, Ontario, Canada.

Sunnybrook reported on the results of a clinical and specificity evaluation which included clinical samples positive for SARS-CoV-2.

The study for a 100% correlation (100% Specificity / 100% Sensitivity)

10 min Sample Prep Time

It takes less than 10 minutes to prepare the patient samples for analysis.



65 min Automatic Analysis

Prepared samples can be analyzed in the Franklin Thermocycler in 65 minutes.



Results Displayed Immediately

Once analysis is complete, results can be accessed from phones or cloud immediately.



HOW IT WORKS?

OBTAINING SAMPLES

Once the passengers and crew members are at the airport, swab samples are obtained from their nose or throat at designated areas and the samples will be stored in collection tubes.

The collected samples do not have to be refrigerated. As collection tube solutions immediately inactivates the SARS-CoV-2 virus, they are safe to handle.

The samples will then be transferred to the testing sites established either at the airport or at a different location of the test performing laboratory.



SAMPLE PREPARATION

After being transferred to the designated testing site of the authorized laboratory the swab samples collection tubes will be further processed to prepare them for analysis.

Through a 6-step process, the swab samples are extracted, amplified and purified by using the M1 sample preparation kit.

The whole process takes less than 10 minutes per sample and is manually conducted by trained employees.



SAMPLE ANALYSIS

Once sample preparation is completed, they are transferred to Biomeme's own 9-well Franklin Thermocyclers or 98-well commercial analyzers such as the Bio-Rad CFX96 and ABI Q55.

The portable Franklin Thermocycler that can also run on batteries automatically analyses the results within 65 minutes.

Once analysis is completed, results are uploaded to the cloud for the central IT system or can be readily viewed from a connected smartphone.



BIOMEME TEST IN ACTION

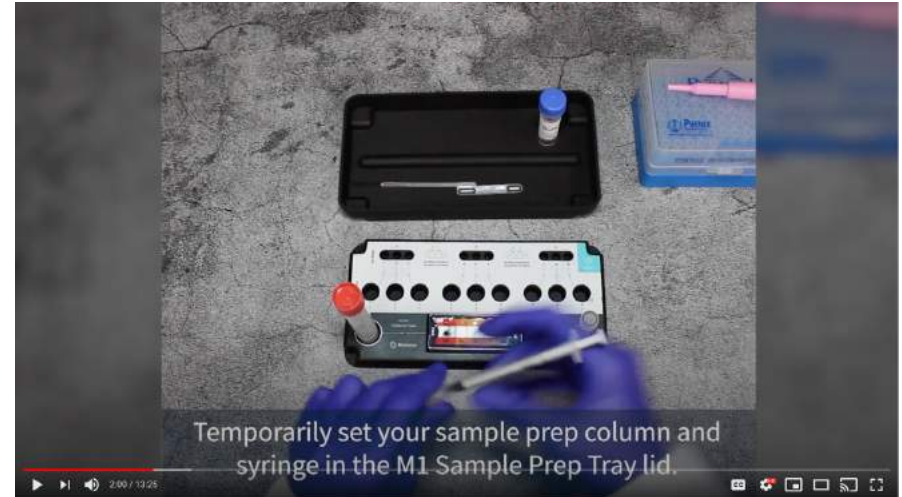
BIOMEME PLATFORM OVERVIEW

From US Department of Defense to several Universities and Research Institutions, Biomeme Platform provides unique opportunities how real time PCR tests can be conducted. This below video provides a general overview of the platform. <https://youtu.be/0b4CR-tp9Ws>



BIOMEME SARS-COV-2 TEST OVERVIEW

It is quite easy to operate the Biomeme Sars-CoV-2 Test Platform and the below video will walk you through the necessary steps required to successfully take, process and run samples and later obtain the results from the Biomeme Go App. https://youtu.be/AkXBL_Wp9Ug



SOME LEADING INSTITUTIONS USING THE BIOMEME PLATFORM



Cornell University



MONASH
University



EXCLUSIVE DISTRIBUTOR OF BIOMEME INC. FOR AIRPORTS, AIRLINES, TURKEY & THE MIDDLE EAST

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