

COVID-19 Testing Program 2020

BIOREFERENCE OVERVIEW

<p>Leading National Clinical Laboratory</p> 	<p>60,000+ Requisitions Daily</p> 	<p>4,000 Employees - 300+ Medical Staff</p> 	<p>Serving 11 Million Patients Annually</p> 	<p>Comprehensive Solutions</p> <ul style="list-style-type: none"> National logistics network Most experienced mobile testing site operator in the country Seamless digital ordering, scheduling, results delivery and analytic capabilities
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BIOREFERENCE COVID-19 RESPONSE

 **Serving all 50 states with testing locations in: Elmwood Park, NJ; Melbourne, FL; Gaithersburg, MD; Houston, TX; Campbell, CA**

- Currently, PCR and/or Antibody Testing is being performed out of NJ, FL and MD
- PCR & Antibody turnaround time (TAT) 2-3 days
- "Priority" account TAT is 24 hours or less (6 hours once in the lab)
- Performed approximately 1 million COVID-19 PCR tests to date
- Capacity to run 60,000 PCR tests per day
- Capacity to run 400,000 antibody tests per day
- Partnering with New York, New Jersey, Florida and Michigan, multiple cities, municipalities and hospital systems
- Operating more mobile PCR collection sites than any other commercial laboratory
- All testing done on FDA/EUA equipment

TESTING CAPABILITIES

All testing will be done on FDA/EUA approved equipment.

COVID-19 PCR Platforms – Limit of Detection

Roche: Observed TCID50/mL: Target 1 is 0.009 and Target 2 is 0.003. Predicted TCID50/mL: Target 1 is 0.007 and Target 2 is 0.004.

Hologic: TCID50/mL: 1X10⁻²

ThermoFisher: 10 Genomic Copy Equivalents/reaction

Seegene: 1,250 copies/mL

PCR Sample Collection

Mid-turbinate and saliva collection upon validation

COVID-19 Antibody

Platforms

Each COVID-19 antibody test performed by BioReference is performed on the below platform:

- Roche Elecsys Anti-SARS-CoV-2

Sensitivity and Specificity

Roche assay: Sensitivity: 100% (≥ 14 days after diagnosis)
Specificity: 99.8%

Antibody Sample Collection: Blood draw (Serum or Plasma)

ACQUIRING THE SPECIMEN

- Mid turbinate swab
- Self swab with medical oversight from our staff or, our staff will swab the patient; their choice
- Saliva – In process of evaluating collection devices and validation will be complete in coming weeks
- Blood draw for antibody testing
- It technology advances or changes, we will pivot to new technology



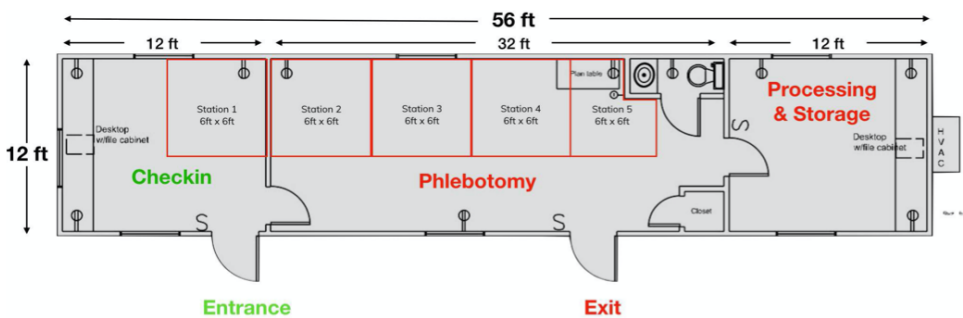
SPECIMEN SITE COLLECTION OPTIONS

- BioReference can stand up a dedicated on premises turn-key specimen collection location customized to your facility; short or long-term available
- We provide all set-up, materials and personnel
- We are very sensitive to issues of patient flow, exposure and staff comfort as to where they get tested. If your facility space is not optimal to host a collection site, we can provide a on-campus “in parking lot” solution

SPECIMEN COLLECTION NEAR FACILITY IN PARKING LOT TURN-KEY MEDICAL TRAILERS TO PLACE ON SITE: *This may alleviate staff concerns around daily work flow and possible facility contamination*

Medical Trailer in the parking lot

- 5 Testing Stations in 1 Medical Trailer offers ability to test up to 500 individuals daily
- In addition to scheduling capabilities, we have queuing management technology that limits person-to-person interactions and reduces wait times and traffic flow issues at the site

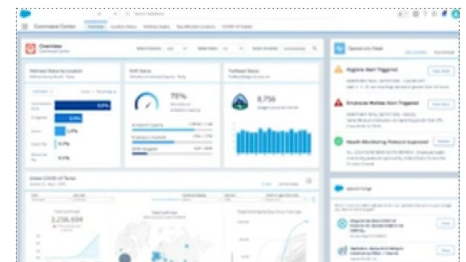


DATA ANALYTICS SUPPORT



Our team has deep integration and CRM experience and can facilitate the availability of tailored workplace analytic tools

Recently, we have had such discussions with salesforce.com regarding their ‘work.com’ solution offering a workplace command center for a single point of insight following our result delivery:



DIGITAL EXPERIENCE

REGISTRATION Unique by client | Host organization sends communication and registration link | Demographics | Appointment | Confirmation #

1. Provide demographics and select location

The screenshot shows a registration form with two main sections: 'Contact Information' and 'Select location'. The 'Contact Information' section includes fields for first name (John), last name (Doe), date of birth (09/25/1987), gender (Male), email address (jdoe@domain.com), and cell phone number (555-555-0234). The 'Select location' section features a map of the Elmwood Park area with several 'BioReference Laboratories' locations marked. A 'Select' button is visible next to the chosen location.

2. Select date and time

The screenshot shows the 'Book time window' section of the registration form. It displays a calendar for the week of April 27 to May 3, 2020. A table below the calendar shows available appointment slots for each day, with columns for the day and time ranges (e.g., 9:00 AM - 9:30 AM, 10:00 AM - 10:30 AM, etc.). A 'Complete Booking' button is located at the bottom right.

3. Confirmation and QR code

The screenshot shows a 'BOOKING CONFIRMED' confirmation page. It includes the patient's name (John Doe), the appointment date and time (Mon, 27 Apr 2020, 10:00 AM), and the location (BioReference Laboratories, 481 Elmwood Park, NJ 07407, US). A QR code is displayed for the patient to scan at the appointment. There are also buttons for 'Add to Outlook Calendar' and 'Add to Google Calendar'.

CHECK IN Appointment confirmation | Identity Verification | Demographics update | Portal account creation

1. Present QR code

The screenshot shows a text message from a phone number (+1 (846) 240-1969). The message contains a 'New booking Confirmation Number 00004404', the appointment date and time (30-Apr-2020, 7:50 PM), the location (BioReference Laboratories - 481 Conference Room - 481 Edward H Ross Dr., Elmwood Park, NJ 07407, US), and a QR code. A 'Text Message' button is visible at the bottom.

2. Appointment Lookup

The screenshot shows the 'Patient check in' app interface. It displays a 'Too early' message: 'It looks like the patient has arrived early for their appointment.' Below the message are buttons for 'Complete check in' and 'Go to next patient'. At the bottom, there is an 'Appointment details' section showing the appointment time (Mon 20 Apr, 10:00am-11:00am) and the patient name (Result 1).

3. Confirm or Update

The screenshot shows the 'Patient check in' app interface. It prompts the user to 'Enter confirmation number' with an input field and a 'Find' button. Below this, there is an 'or' separator and a 'Use camera to scan QR code' button.

RESULTS Notifications | Secure delivery | Download | Educational content

1. Auto-Registration

The screenshot shows an email notification from BioReference Laboratories. It informs the recipient (John) that they have been auto-registered for COVID-19 test results. The email includes a 'CREATE YOUR PASSWORD' button and instructions on how to access the results via a patient portal account. It also provides contact information for support.

2. Consumer Friendly Reports

The screenshot shows a patient-friendly report for a 'Get Smart: Coronavirus (COVID-19) Antibody Testing (IgG)'. The report includes a 'Test History' section with a graph showing the test result over time. Below the graph, it indicates the result is 'NORMAL RANGE: <1:10 AU/ML'.

Host organization must obtain and provide to BioReference a HIPAA compliant authorization for us to release results to the host.

(Participant results are available in 2-3 days)