

COVID-19 TESTING

Biodesix WorkSafe™ Program

OVERVIEW

The Biodesix WorkSafe Program offers the latest in COVID-19 testing technology and solutions to support the safe operation of workplaces, educational institutions, public events, and sports and recreational activities as communities continue to manage COVID-19 and comply with local and national testing requirements. For businesses, the WorkSafe program is specifically designed to enable compliance with mandated weekly testing as required by the OSHA Emergency Temporary Standard.

BEST IN CLASS SOLUTIONS DESIGNED TO MEET THE NEEDS OF ANY SIZE ORGANIZATION



- **COVID PCR testing recommended to most reliably assess active infection**
- **Avoid supply chain risk that rapid tests pose to your testing program**



- **Results in 24-48 hours from our centralized laboratory designed for high volume testing**



- **Program management for results and required data to ensure compliance & participation**
- **Superior customer service to ensure quality and support for your program**

PCR TESTING PROGRAM SOLUTIONS

Option 1: Custom Portal

Biodesix technical experts will collaborate with your organization to design a custom digital portal to meet your testing program needs.

Each individual program participant will receive an invitation email to create a login, sign a digital consent for testing, enter their required demographic information to create a test order, and specify how to receive their results (secure email or secure link via text message). With provided consent, bulk testing results are available to the sponsoring organization.

Option 2: Hard Copy

A simple and cost-effective solution for obtaining consent, ordering tests and receiving results.

The organization's coordinator or each testing program participant emails the test manifest containing the information required to Biodesix. A single use universal consent is obtained by the employer and kept on file. Results are provided to individual testing participant emails and in bulk to the sponsoring organization. "pool" result is positive, each of the individuals that contributed a specimen to the pool can be given an individual ddPCR test.

PCR TESTING PROCESS



- Biodesix uses highly sensitive droplet digital PCR (ddPCR) technology to identify the presence of the SARS CoV-2 virus that causes COVID-19
- **Results available within 24-48 hours of laboratory receipt**
- Specimen collection **uses a simple nasal swab**
- **Collection kits** are provided containing easy to follow step-by-step instructions. An informational video is also available. Kits may contain a pre-paid FedEx shipping label for individual return of kits, or alternatively, bulk collection supplies are also available.
- **Pooled testing is also available** using PCR detection to provide a scalable, economical testing solution. Specimens from multiple test participants are combined into a single pooled sample tube for testing. If the “pool” result is positive, each of the individuals that contributed a specimen to the pool can be given an individual PCR test

In addition to PCR testing, Biodesix offers comprehensive antibody detection with results available within 24 hours of laboratory receipt

Neutralizing Antibody Testing

- Fast detection of **previous SARS-CoV-2 infection or response from COVID-19 vaccination**
- Uses ELISA technology to specifically detect neutralizing antibodies to the spike protein of the SARS-CoV-2 virus



Total Antibody Testing

- Fast detection of **previous SARS-CoV-2 infection** after 8 days from symptom onset
- Detects the presence of IgM, IgG, and IgA antibodies to SARS-CoV-2

Dual Antibody Testing

- A single blood specimen collected to test for both Neutralizing and Total Antibodies
- Positive and Negative results from either or both tests may aid health care providers with more complete information to support immunization decisions and assessment of appropriate timing of doses and boosters

To learn more, visit www.biodesix.com/lung-diagnostics/covid-19-testing

Biodesix offers customized, end-to-end testing solutions based on your COVID-19 testing program needs. Services may include physician consultation services, onsite specimen collection, testing program and workflow design, mobile portal registration and consent, coordinated logistics, and billing support.

Contact us at outreach@biodesix.com