

COVID-19

TESTING SYSTEMS



TURNKEY SOLUTIONS



COVID-19 TESTING SOLUTIONS

OVERVIEW

About Tiger Testing

Tiger Safety, LLC dba Tiger Testing is a U.S.A. based rental and service company that serves the onshore and offshore energy markets globally, as well as, Fortune 500 companies, food processings plants, manufacturing plants, commercial real estate buildings, governments, and more during emergency conditions such as the Coronavirus Pandemic.

Tiger Testing is a world-class turnkey service provider offering COVID-19 testing solutions to large corporations. Our goal is to assist in getting your personnel back to work quickly and efficiently through a large scale testing event.

Tiger has partnered with a network of medical professionals to perform tests on 15 - 5,000 personnel at your office or designated location. We offer onsite workforce testing customized to match each client's unique requirements.

Our response teams can offer an array of best-in-class COVID-19 testing technology, administered by clinical professionals, and processed in registered CLIA labs, if required.

TIGER COVID-19 TESTING KIT SYSTEMS

Tiger Testing has researched and invested in the best testing systems the world has to offer in identifying the COVID-19 virus. Below are just a few of the machines that we either own or can source out for mass workforce testing solutions. No matter what your testing needs, we've got the right fit for your organization.

Molecular Testing Systems

- Traditional PCR
- Cepheid GeneXpert Infinity-48
- Abbott ID-NOW System

Serological Antibody Testing Systems

- Chembio DPP Covid-19 System
- Healgen COVID-19 IgG/IgM Rapid Test Cassette
- AutoBio Anti-SARS-CoV-2 Rapid Test

Responsiveness, reliability and determination, combined with our unrivaled experience, have made Tiger a trusted name in emergency response services. Our team of experts are safety minded, globally mobile, trained and certified. We have experts available 24/7/365 ready to assist with whatever you need.

Mission

Tiger's business strategy is to provide reliable equipment with a 'Make it Happen' attitude while operating within a safe and professional culture. We attain this by providing creative solutions with the highest quality products and equipment in the industry, unequaled levels of service, dedication and expertise.

Vision

The outlook for Tiger Rentals is that we will flourish in future years through continuous operational improvements, relentless dedication to customer service and sincere respect for team members.

Values

ENTREPRENEURSHIP
"Every Day a Better Way" ...Taking Ownership...Championing...Self Starting.

EXECUTION
Timely, consistent, quality task completion without undue push-back.

CUSTOMER DEDICATION
Make sure EVERY task is focused on delivering for our customers.

CANDOR
Unfiltered, timely, assessment and communication that acknowledges reality.

+ Tiger Testing Methods



COVID-19 (CORONAVIRUS) MOLECULAR (SWAB) TEST

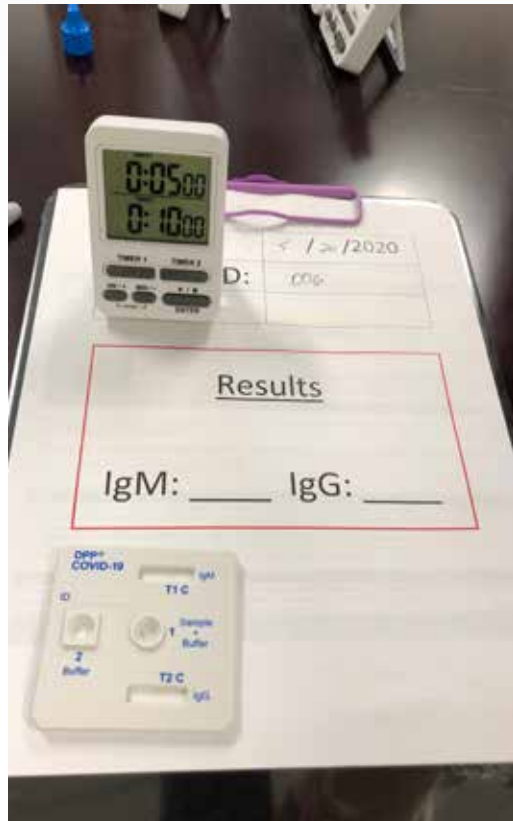
Molecular tests use a long swab to collect material, including physical pieces of coronavirus, from the back of the nose where it meets the throat. A positive result indicates that viral genetic material is present, but it does not indicate that bacterial or other infections are also present. A negative result indicates that the SARS-CoV2 virus that causes the COVID-19 disease was not found. It is possible to have a very low level of the virus in the body with a negative test result especially in the early stages of infection.



COVID-19 (CORONAVIRUS) ANTIBODY (SEROLOGY) TEST

An Antibody test is a blood test. It is designed to detect antibodies (immunoglobulins, IgG and IgM) against the coronavirus that causes the disease called COVID-19. Antibodies are proteins produced by the immune system in response to an infection and are specific to that particular infection. They are found in the liquid part of blood specimens, which is called serum or plasma, depending on the presence of clotting factors. IgM and IgG may either be ordered together or separately.

Having an antibody test is helpful if your health care provider believes you may have been exposed to the coronavirus which causes COVID-19 based on your current or previous signs and symptoms (e.g., fever, cough, difficulty breathing); you live in or have recently traveled to a place where transmission of COVID-19 is known to occur; you have been in close contact with an individual suspected of or confirmed to have COVID-19; or you have recovered from COVID-19.



Antibody Test for IgG

This test detects IgG antibodies that develop in most patients within seven to 10 days after symptoms of COVID-19 begin. IgG antibodies remain in the blood after an infection has passed. These antibodies indicate that you may have had COVID-19 in the recent past and have developed antibodies that may protect you from future infection. It is unknown at this point how much protection antibodies might provide against reinfection or for how long.

Antibody Test for IgM

This test detects IgM antibodies. IgM is usually the first antibody produced by the immune system when a virus attacks. A positive IgM test indicates that you may have been infected and that your immune system has started responding to the virus. When IgM is detected you may still be infected, or you may have recently recovered from a COVID-19 infection.

+ Serology > Molecular

Serology can provide information on past exposure to COVID-19 but in order for a doctor to make a clinical diagnosis and develop a patient treatment plan Molecular testing is required.

TEST RESULTS	INTERPRETATION	MOLECULAR TEST NEEDED?
IgM neg - IgG neg, no symptoms	Patient not suspected of having COVID-19.	NO
IgM neg - IgG neg, with symptoms	Patient could have been recently infected and is in the lag period for the test. Antibodies may have not yet formed. Retest later or proceed immediately to the molecular test.	YES
IgM pos - IgG pos	Active Case - Patient is infective and must be isolated.	CONFIRMATION RECOMMENDED
IgM pos - IgG neg	Active Case - Patient is infective and must be isolated. Patient has been recently infected. Early phase of disease.	CONFIRMATION RECOMMENDED
IgM neg - IgG pos	Later stage of disease or in recovery. Patient may have had an infection previously, but recovered. Further molecular testing for the virus is needed to determine if the Patient is still infective to other.	YES

Table Source: AutoBio Testing



+ Molecular to Antibody Relationship

Test Results			Clinical Significance
RT-qPCR	IgM	IgG	
+	-	-	Patient may be in the window period of infection.
+	+	-	Patient may be in the early stage of infection.
+	+	+	Patient is in the active phase of infection.
+	-	+	Patient may be in the late or recurrent stage of infection.
-	+	-	Patient may be in the early stage of infection. RT-qPCR result may be false-negative.
-	-	+	Patient may have had a past infection, and has recovered.
-	+	+	Patient may be in the recovery stage of an infection, or the RT-qPCR result may be false-negative.

+ Cepheid GeneXpert Infinity System

MOLECULAR

With the Coronavirus rapidly spreading throughout our region, Tiger Testing is making the testing process much easier and quicker with our GeneXpert® Infinity System - the latest advancement in Molecular Diagnostics Total Automation.

With Cepheid's unique cartridge technology, the GeneXpert® Infinity provides maximum flexibility enabling us to get results quickly and efficiently.

KEY FEATURES

- PCR Based system
- Up to 48 individual PCR systems
- Automated sample processing with simple user interface
- Test Processing Time: 45 min

ADVANTAGES

- Highly Accurate (gold standard)
- High-Volume Automated Testing
- Simple user interface
- Able to detect early infections
- Tiger Owned Asset

FDA USE

Cepheid has received Emergency Use Authorization (EUA) from the U.S. Food & Drug Administration (FDA) for Xpert® Xpress SARS-CoV-2, a rapid molecular diagnostic test for qualitative detection of SARS-CoV-2, the virus causing COVID-19. The test has been designed to operate on any of Cepheid's more than 23,000 automated GeneXpert® Systems worldwide, with a detection time of approximately 45 minutes.



The GeneXpert® System

+ RT-Polymerase Chain Reaction (PCR)

MOLECULAR

Tiger Testing is able to offer testing with Traditional RT-PCR Testing systems - the gold standard in molecular testing. We have partnered with CLIA Labs all over the country to provide Traditional RT PCR Testing. Since every lab is different, our information for RT-PCR testing is a generalization based on the most popular machines. Tiger Testing uses industry trusted labs that demand efficiency, accuracy, and gold-standard technology systems for sequencing, flow cytometry, and real-time, digital and end point PCR—from sample prep to data analysis.

With the PCR technology, Tiger is able to detect early COVID-19 infections with the highest accuracy on the market.

KEY FEATURES

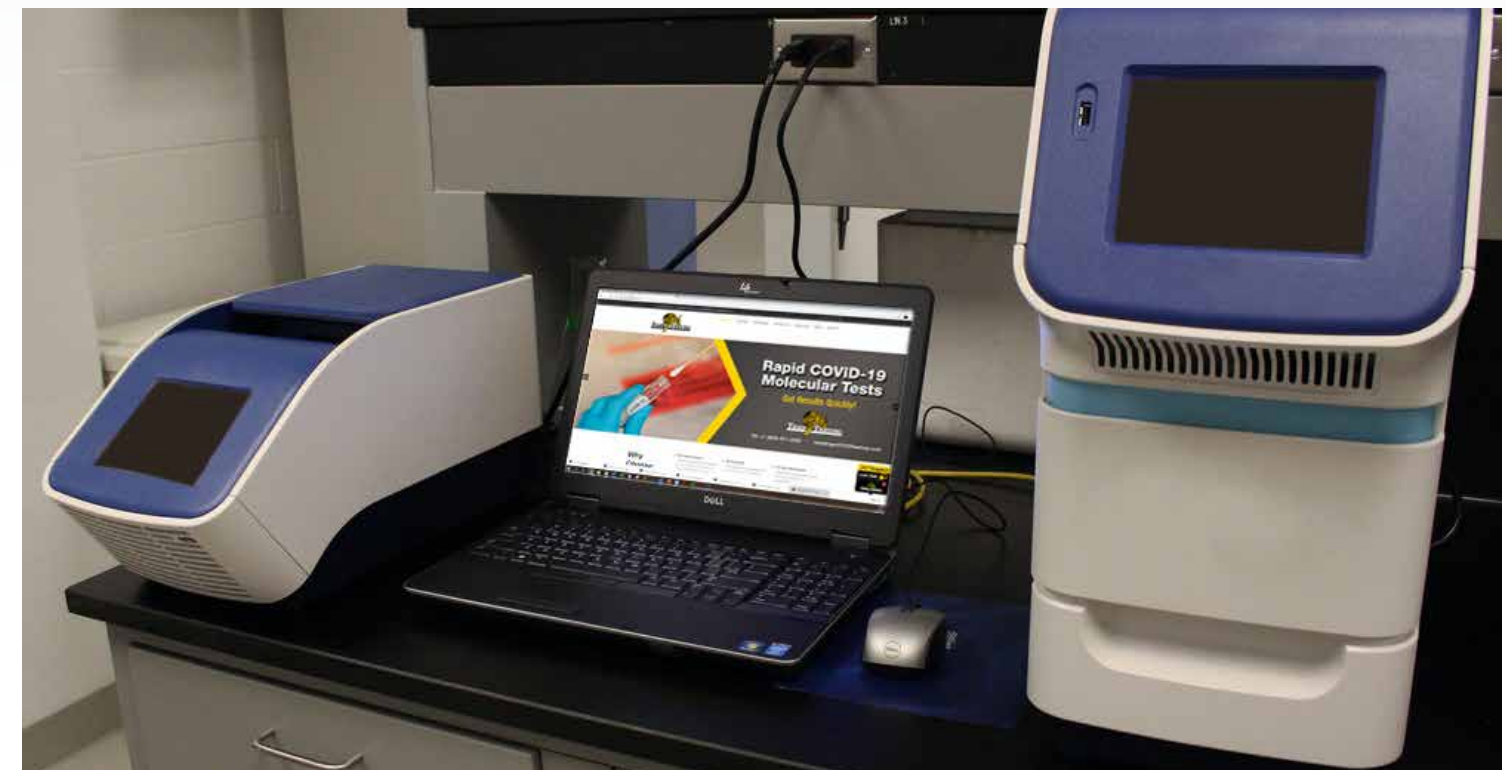
- PCR = Polymerase chain reaction
- A process of duplicating DNA rapidly to allow for testing.
- Test Processing Time: 3-4 Hours

ADVANTAGES

- Highly accurate (gold standard)
- "Backbone" of USA lab testing
- Large market availability and flexibility
- Able to detect early infections

FDA USE

The Food and Drug Administration (FDA) issued a letter authorizing emergency use of the CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time Reverse Transcriptase (RT)-PCR Diagnostic Panel for the presumptive qualitative detection of nucleic acid from the 2019-nCoV1 in upper and lower respiratory specimens (such as nasopharyngeal or oropharyngeal swabs, sputum, lower respiratory tract aspirates, bronchoalveolar lavage, and nasopharyngeal wash/aspirate or nasal aspirate) collected from individuals who meet CDC criteria for 2019-nCoV testing, pursuant to Section 564 of the Federal Food, Drug, and Cosmetic Act (the Act) (21 U.S.C. §360bbb-3). The February 4, 2020 letter authorizing emergency use of this test limited testing to qualified laboratories designated by CDC and, in the United States, certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. § 263a, to perform high complexity tests.



+ Abbott ID-NOW System

MOLECULAR

ID NOW™ is a leading molecular point-of-care platform in the United States, trusted by hospitals, physician offices, and urgent care clinics nationwide. With the need of testing requirements worldwide, The Abbott system is ideal for travel and testing abroad. Abbott technology provides maximum flexibility enabling us to get results quickly and efficiently anywhere in the Country and around the world.

KEY FEATURES

- Isothermal nucleic acid amplification technology
- Lightweight portable point of care system
- Test Processing Time: 5-13 min

ADVANTAGES

- Highly Accurate
- Highly portable
- Simple user interface
- Tiger Owned Asset
- Able to detect early infections

FDA USE

The ID NOW COVID-19 EUA has not been FDA cleared or approved. It has been authorized by the FDA under an emergency use authorization for use by authorized laboratories and patient care settings. The test has been authorized only for the detection of nucleic acid from SARS-CoV-2, not for any other viruses or pathogens, and is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of in vitro diagnostic tests for detection and/or diagnosis of COVID-19 under Section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1), unless the authorization is terminated or revoked sooner.



+ Chembio DPP Covid-19 System

ANTIBODY

Chembio's DPP COVID-19 Serological Point-of-Care COVID-19 Test is a leading diagnostic system focused on Coronavirus for the detection of IgM and IgG antibodies. These results can be obtained within 15 minutes from a simple finger stick utilizing Chembio's MicroReader 1 and MicroReader 2 analyzers. The ability of the DPP platform to provide numerical results can aid clinicians in determining current or past exposure to the COVID-19 virus and monitoring infection progression, while avoiding the human interpretation errors associated with visual readings.

KEY FEATURES

- Serological antigen test combined with DPP Reading system
- Provides numerical values
- Test Processing Time: 15 min

ADVANTAGES

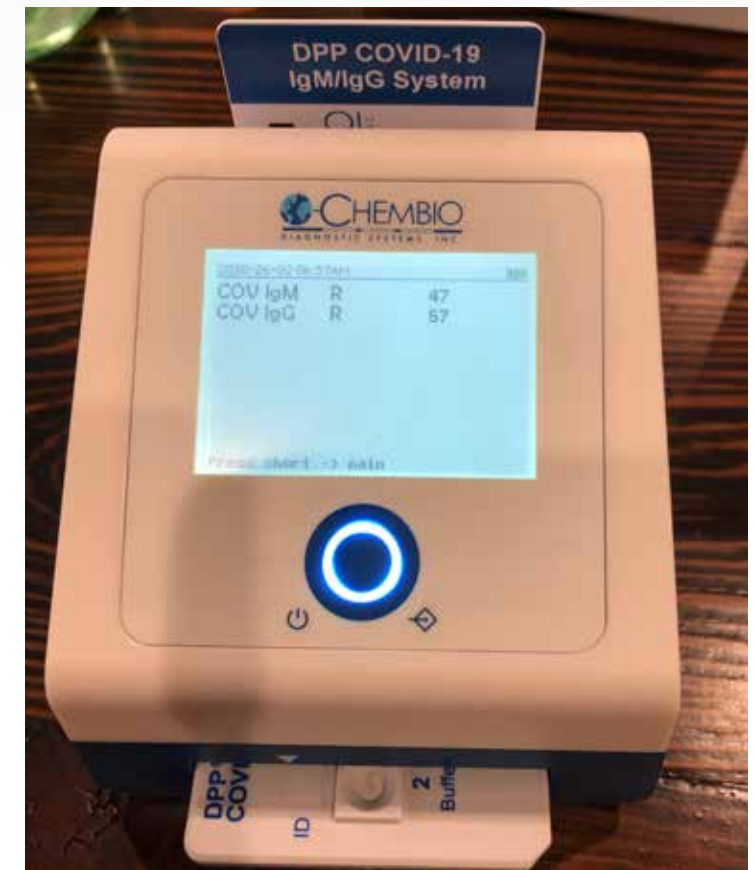
- FDA EUA Authorized
- IgM Detection (Active Infection)
- IgG Detection (Active Infection)
- Tiger Owned Asset
- Highly Portable
- Does not require complex equipment

ACCURACY

- Specificity: IgM = 97.6%; IgG = 96.8%
- Sensitivity: Total Antibody = 91.6%

FDA USE

FDA Authorized (Emergency Use Authorization - EUA) Tiger is currently offering Chembio Diagnostic Systems, Inc. DPP COVID-19 IgM/IgG System serology tests under the FDA's Emergency Use Authorization (EUA) for emergency use pursuant to Section 564 of the Federal Food, Drug, and Cosmetic Act (the Act) (21 U.S.C. §360bbb-3)



+ Healgen COVID-19 IgG/IgM Rapid Test

ANTIBODY

The COVID-19 IgG/IgM (Whole Blood/Serum/Plasma) Rapid Test Device utilizes lateral flow technology that is used for the qualitative, differential detection of both anti-SARS-CoV-2 IgM and IgG antibodies. In general, antibodies can be detected 1-3 weeks after infection. This test is intended to screen patients for COVID-19. Combining RNA and Antibody tests can significantly raise the sensitivity for detecting COVID-19 in infected individuals. Tiger Testing can offer quick results at a moderate price with the Healgen Testing System.

KEY FEATURES

- Serological antigen test
- Test Processing Time: 10 min

ACCURACY

- Sensitivity: IgG 97.2%; IgM 87.9%
- Specificity: IgG 100%; IgM 100%

FDA USE

FDA Permitted pending EUA Tiger is currently offering Healgen Scientific, LLC. COVID-19 IgG/IgM Rapid Test Cassette which they have validated and are offering serology tests as set forth in Section IV.D while pending FDA EUA Approval.

ADVANTAGES

- Antigen Detection
- IgM Detection (Active Infection)
- IgG Detection (Previous Infection)
- Tiger Owned Asset
- Highly Portable
- Does not require complex equipment



+ AutoBio Anti-SARS-CoV-2 Test

ANTIBODY

Anti-SARS-CoV-2 Rapid Test is a rapid, one-step lateral flow assay intended for the qualitative detection and differentiation of IgM and IgG antibodies to the SARS-CoV-2 virus in patients suspected of a COVID-19 infection. By using a patient's serum, or plasma specimen, the Anti-SARS-CoV-2 Rapid Test offers a turnaround time of only 15 minutes.

KEY FEATURES

- Serological antigen test
- Test Processing Time: 15 min

ACCURACY

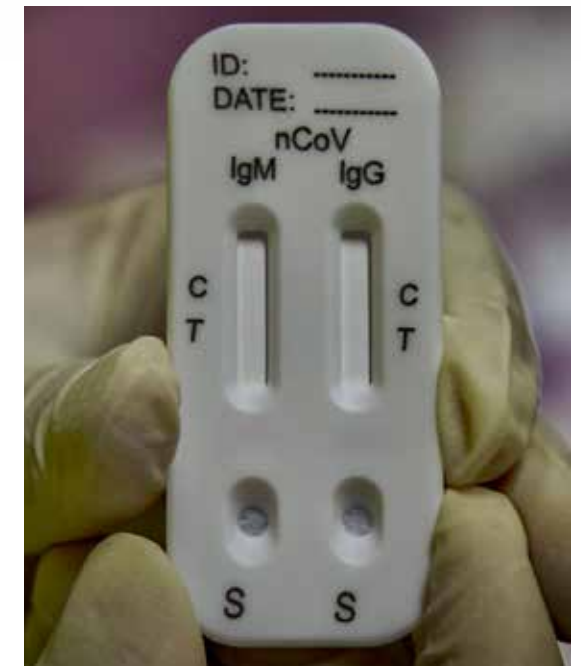
- (>= 15 days after onset of symptoms)
- Sensitivity: IgG 99.0%; IgM 95.7%S
 - pecificity: IgG 99%; IgM 99%

ADVANTAGES

- FDA EUA Authorized
- IgM Detection (Active Infection)
- IgG Detection (Previous Infection)
- Tiger Owned Asset
- Highly Portable
- Does not require complex equipment

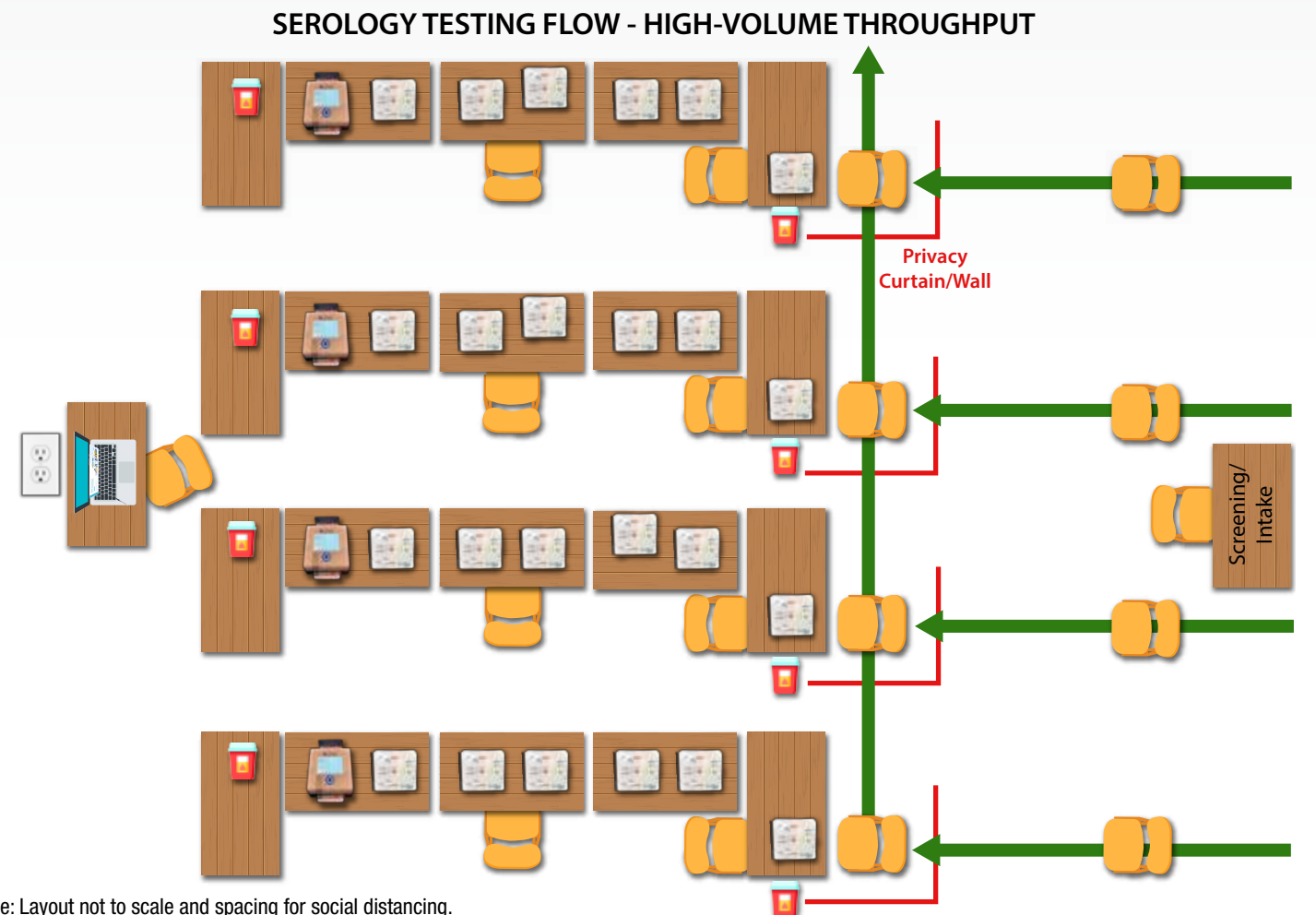
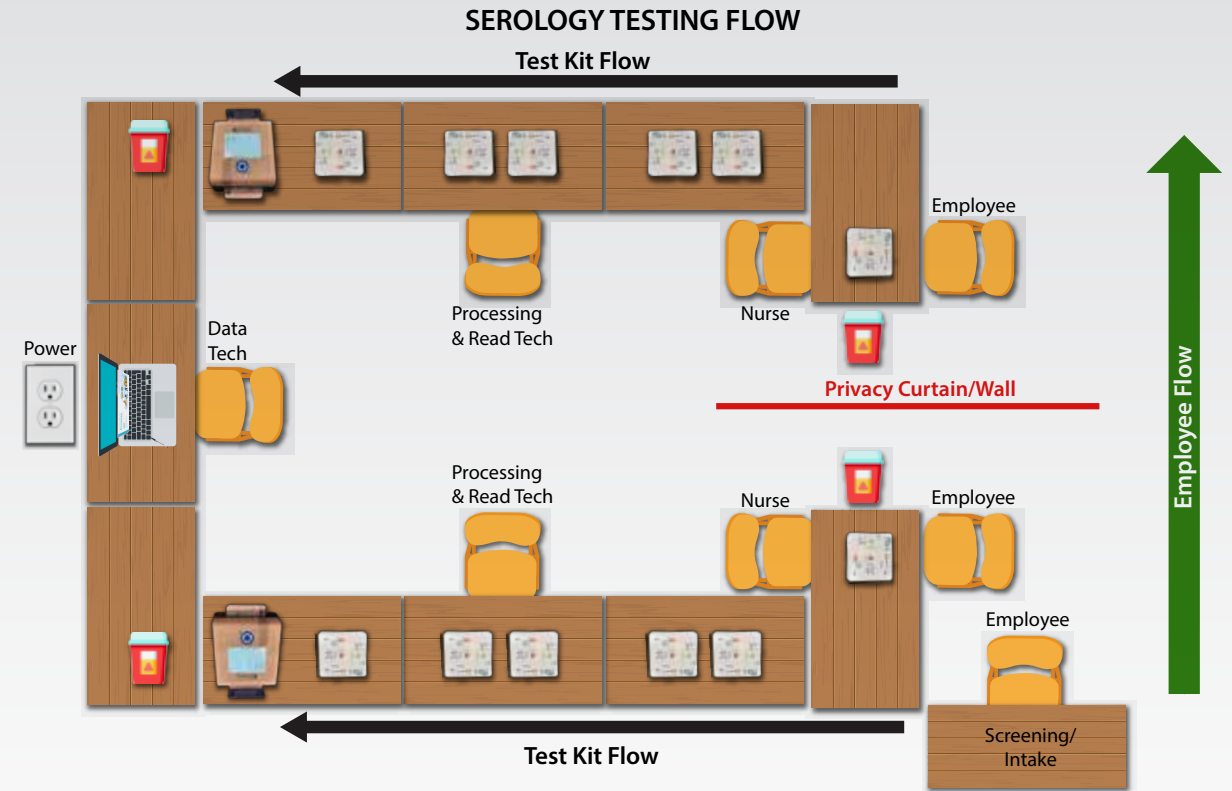
FDA USE

The FDA is not aware of an antibody test that has been validated for diagnosis of COVID-19 infection. While FDA remains open to submissions of these tests for such uses, based on the underlying scientific principles of antibody tests, we do not expect that an antibody test can be shown to definitively diagnose or exclude COVID-19 infection. As stated in the Policy for Diagnostic Tests for Coronavirus Disease-2019, validated antibody tests offered under the policy in that guidance should, among other things, include in test reports information that negative results do not rule out COVID-19 infection and that follow-up testing with a molecular diagnostic should be considered to rule out infection, and should be ordered only by clinicians who are familiar with the use and limitations of the test.





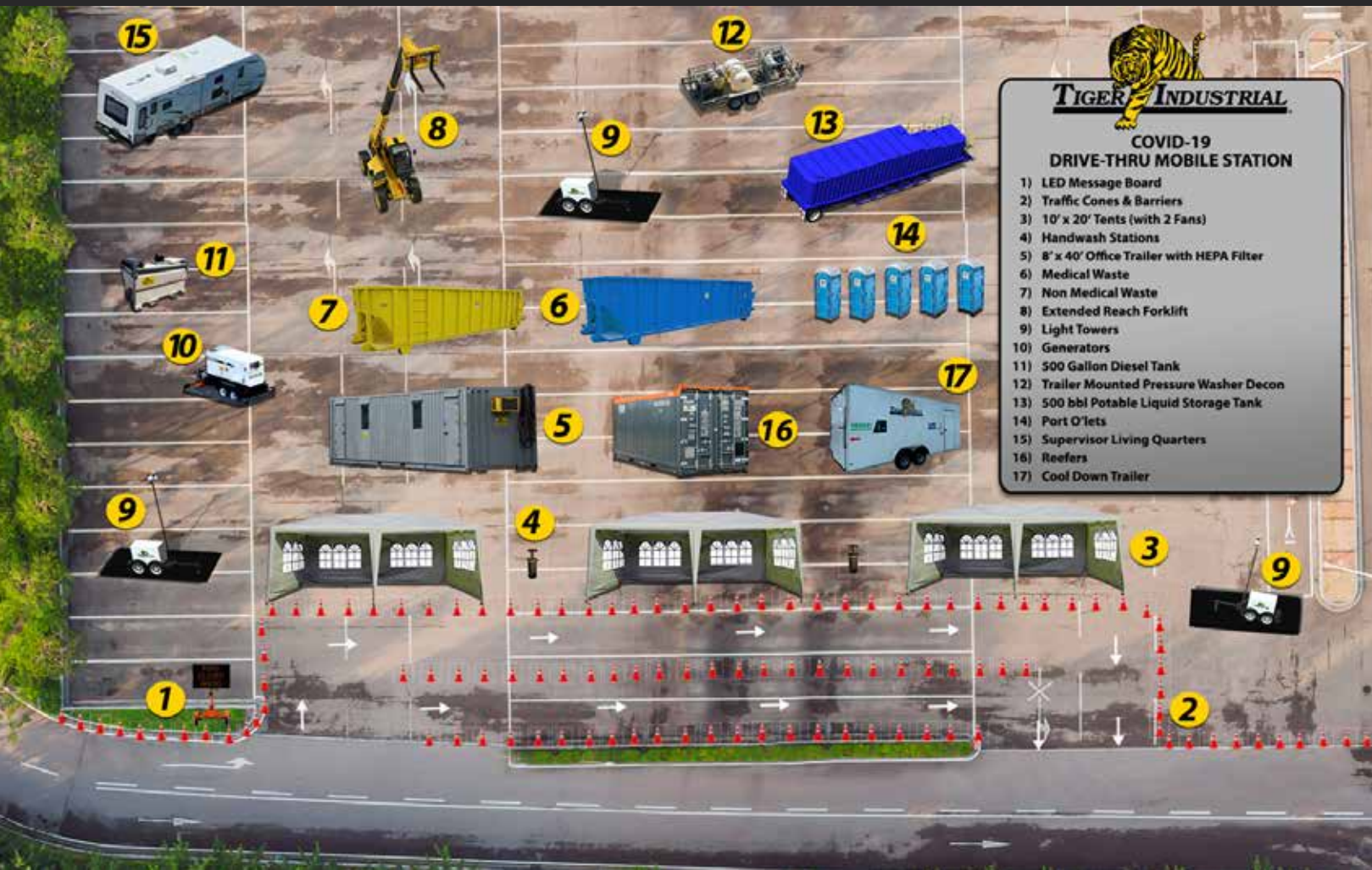
+ Antibody Testing Process



Note: Layout not to scale and spacing for social distancing.

Updated 05/20/20 / Expires 6/1/20

COVID-19 Drive-thru Testing Stations



As a result of the Corona virus pandemic, Tiger is offering Emergency Response Services to companies and governments locally, state-wide, nationally and internationally. As a commercial service and rental company, Tiger Rentals has a team of specialized personnel who will support the efforts of our government during the COVID-19 pandemic. Between our core companies, Tiger Safety, Tiger Industrial Rentals and Tiger Offshore Rentals, we can offer both rental equipment and services to combat this epidemic.

- Man Camps
- Large Tents
- Office Trailers
- Refrigeration Units
- Light Towers
- Generators
- Roll-Off Boxes
- Overpack Drums
- Portable Fuel Cells
- Ventilation
- Cool Down Fans
- Cool Down Trailers
- Tables & Chairs
- Barriers
- Signs
- Safety Personnel
- Medical Personnel
- PPE
- Telemedicine

+ Turnkey Testing Stations

Tiger Testing can set up testing events in locations like community centers, school gymnasiums, or warehouse facilities. If these types of options are not available, we can provide portable facilities such as buildings, vans or tents to set up a testing site.

Rental packages may include, but are not limited to:

- (1) job site supervisor (safety professional) to stay on site permanently - 12 hour shift
- Daily fueling & maintenance of assets
- Nightly decon (hot water/bleach formula) of test area
- Management of waste services including manifesting
- Radio communications package
- 8' x 40' office trailer to include:
 - Air conditioning
 - Data ports
 - Portable internet system
 - (3) desks with chairs
 - (3) additional chairs
 - (2) dry erase boards
 - (1) HEPA filter with UV light
- 25 kVA generator with distribution panel & cabling
- 500 gallon double wall fuel tank with fuel pump
- Extended reach forklift - 6K
- (3) portable light towers
- Electric reefer unit
- Trailer mounted self contained hot water decon pressure washer
- (3) 8' x 20' portable tents
- (4) large fans
- Non-medical trash 20 yd roll off waste container
- 20 yd roll off waste container for bagged medical waste
- (60) traffic cones
- (2) LED traffic message boards (trailer mounted)
- On-site portable living trailer for on-site supervisor
- 500 bbl liquid storage tank/potable water storage
- (4) 120 qt ice chests
- (4) port-o-lets with daily service
- (2) Hand washing station with 2/week service
- Cool down trailer

Price Does Not Include:

- Site set-up or break-down
- Transportation (in/out) of all assets
- Waste haul off & disposal
- Water, fuel, internet, consumables, PPE and ice



COVID-19

SAFETY SOLUTIONS

Tiger is your one stop shop for COVID-19 mitigation. Our sister companies have teamed up to provide, not only testing services, but decontamination and Coronavirus management services to contain the virus and get employees back into the work-place.

Tiger Safety is a leader in emergency response services, providing a full range of safety equipment, personal protective equipment, and professional safety technicians for environmental service solutions, including blood borne pathogens and biological toxins. Our experienced and highly trained COVID-19 response specialists are equipped to respond to any biological and viral decontamination requirements. Our qualified experts are prepared to decontaminate, disinfect and dispose of your COVID-19 waste safely and effectively immediately. Call Tiger to help you minimize interruption to your business and mitigate the spread of COVID-19 on your facilities.

+ Decontamination & Disinfecting



WHERE WE MOBILIZE



FOOD PROCESSING



SPORTS ARENAS



MANUFACTURING FACTORIES



MALLS



HOSPITALS



NURSING HOMES



CRUISE SHIPS



AIRPORTS



TRANSPORTATION CENTERS



OFFICE BUILDINGS



UNIVERSITIES/ SCHOOLS



SOFTWARE/COMMUNICATIONS



ON/OFFSHORE DRILLING RIGS



PRODUCTION PLATFORMS



REFINERIES/CHEMICAL PLANTS

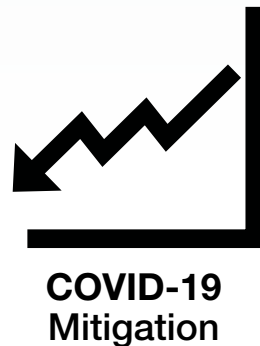
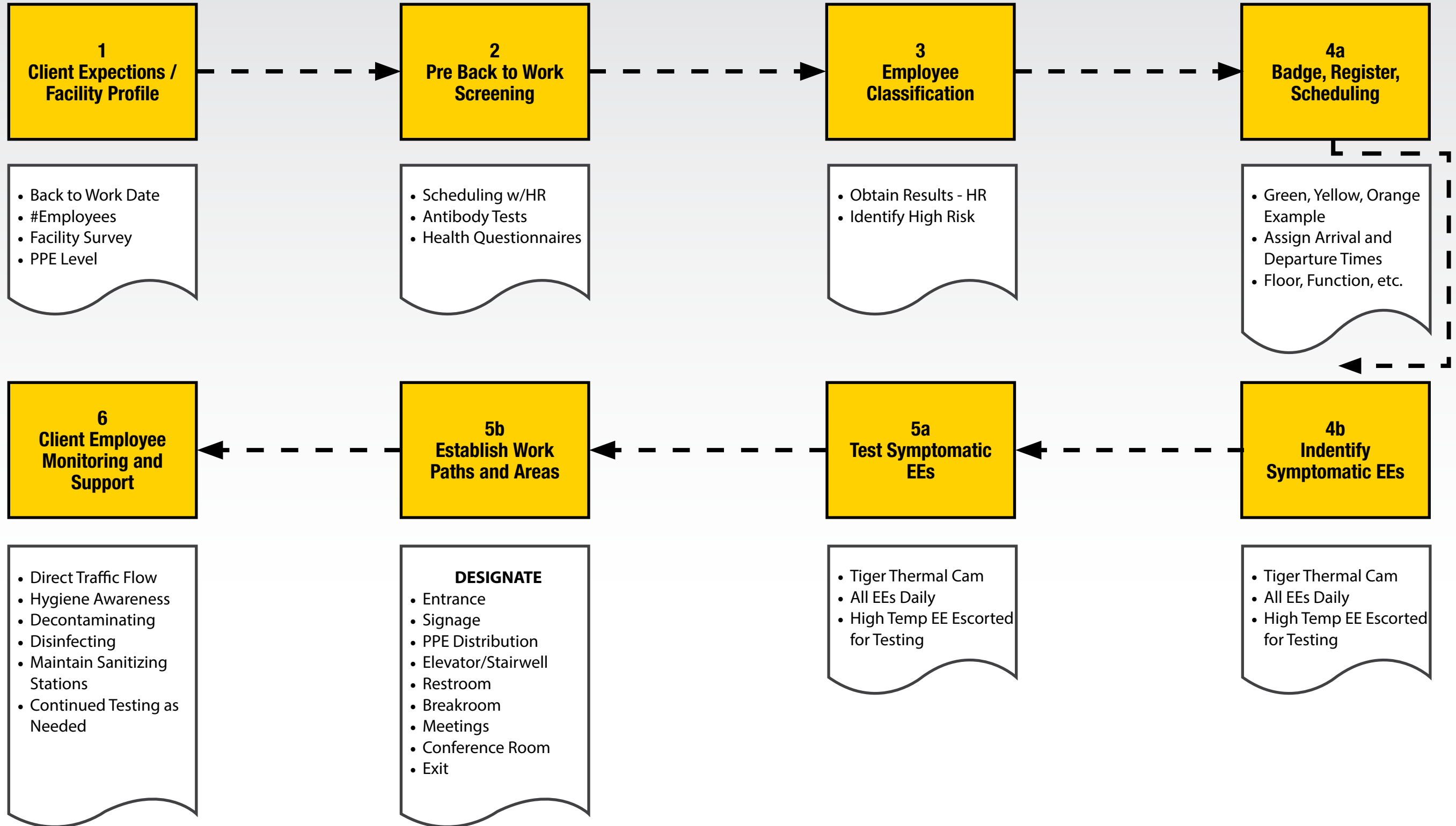
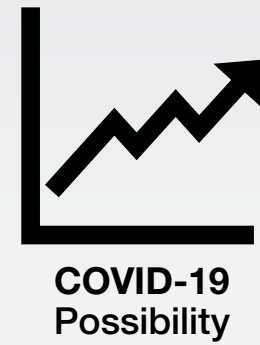
DECON SERVICES

- COVID-19 response
- Decontaminate, disinfect, and sanitize workspaces, interior surfaces, and equipment including HVAC systems
- Disposal service of contaminated and COVID-19 waste
- Comprehensive statement of work and detailed plan of action following CDC approved procedures

HOW WE CAN HELP

- We develop Workplace Safety Plans and Emergency Procedures
- We train and drill your team to assure proper procedures are implemented
- We conduct training for your personnel on blood-borne pathogens and disease spread
- We actively manage or provide personnel to assist with your ICS Command Post or Crisis Management Center
- We temporarily replace HSE, ER, or environmental personnel missing from your staff due to quarantine necessities

+ COVID-19 MANAGEMENT SYSTEM





COVID-19 Corporate Testing



- Molecular and Antibody Testing
- Customized to your unique needs
- On-site workforce COVID-19 testing
- Administered by clinical professionals

Tel: +1 (800) 971-3559 / info@tigerCOVIDtesting.com

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