FACT SHEET FOR HEALTHCARE PROVIDERS
VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack - Ortho-Clinical Diagnostics, Inc. April 24, 2020
Coronavirus Disease 2019 (COVID-19)

This Fact Sheet informs you of the significant known and potential risks and benefits of the emergency use of the VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay.

VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay is authorized for the detection of IgG antibodies to SARS-CoV-2 in human serum.

All individuals whose specimens are tested with this assay will receive the Fact Sheet for Recipients: VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay.

What are the symptoms of COVID-19?
Many individuals with confirmed COVID-19 have developed fever and/or symptoms of acute respiratory illness (e.g., cough, difficulty breathing). However, limited information is currently available to characterize the full spectrum of clinical illness associated with COVID-19. Based on what is known about the virus that causes COVID-19, signs and symptoms may appear any time from 2 to 14 days after exposure to the virus. Based on preliminary data, the median incubation period is approximately 5 days, but may range 2-14 days.

Public health officials have identified cases of COVID-19 infection throughout the world, including the United States, which poses risks to public health. Please check the CDC webpage for the most up to date information.

What do I need to know about COVID-19 testing?
Current information on COVID-19 for healthcare providers is available at CDC’s webpage, Information for Healthcare Professionals (see links provided in “Where can I go for updates and more information” section).

- VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay can be used to test human serum specimens.
- The VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay can be ordered by a healthcare provider to detect if there has been an adaptive immune response to COVID-19, indicating a recent or prior infection.
- The VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay is only authorized for use in laboratories certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, to perform moderate or high complexity tests.

Specimens should be collected with appropriate infection control precautions. Current guidance for COVID-19 infection control precautions are available at the CDC’s website (see links provided in “Where can I go for updates and more information” section).

Use appropriate personal protective equipment when collecting and handling specimens from individuals suspected of having COVID-19 as outlined in the CDC Interim Laboratory Biosafety Guidelines for Handling and Processing Specimens Associated with Coronavirus Disease 2019 (COVID-19). For additional information, refer to CDC Interim Guidelines for Collecting, Handling, and Testing Clinical Specimens from Persons Under Investigation (PUIs) for Coronavirus Disease 2019 (COVID-19) (see links provided in “Where can I go for updates and more information” section).

What does it mean if the specimen tests positive for IgG antibodies against virus that causes COVID-19?
A positive test result with the VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack assay indicates that antibodies to SARS-CoV-2 were detected, and the individual has potentially been exposed to COVID-19.

Report Adverse events, including problems with test performance or results, to MedWatch by submitting the online FDA Form 3500 (http://www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=reporting.home) or by calling 1-800-FDA-1088
FACT SHEET FOR HEALTHCARE PROVIDERS
VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack -
Ortho-Clinical Diagnostics, Inc.
April 24, 2020

IgG antibodies are generally detectable in blood several
days after initial infection, although the duration of time
antibodies are present post infection is not well
characterized. Individuals may have detectable virus
present for several weeks following seroconversion.

When IgG antibodies are present it often indicates a past
infection but does not exclude recently infected
individuals who are still contagious. It is unknown how
long IgG antibodies to SARS-CoV-2 will remain present
in the body after infection and if they confer immunity to
infection.

A positive result for IgG may not mean that an
individual's current or past symptoms were due to
COVID-19 infection. Laboratory test results should
always be considered in the context of clinical
observations and epidemiological data in making a final
diagnosis and patient management decisions.

The VITROS Immunodiagnostic Products Anti-SARS-
CoV-2 IgG Reagent Pack assay has been designed to
minimize the likelihood of false positive test results.
However, in the event of a false positive result, risks to
individuals could include the following: risk of infection by
exposure to persons with active COVID-19. If a recent
infection is suspected a false positive result may lead to
a recommendation for isolation of the individual,
monitoring of household or other close contacts for
symptoms, isolation that might limit contact with family or
friends and may increase contact with other potentially
COVID-19-infected individuals, limits in the ability to
work, or other unintended adverse effects.

All laboratories using this test must follow standard
confirmatory testing and reporting guidelines according
to their appropriate public health authorities.

What does it mean if the specimen tests negative for
IgG antibodies against virus that causes COVID-19?
A negative test result with this test means that
SARS-CoV-2 specific antibodies were not present in the
specimen above the limit of detection. However, a
negative result does not rule out COVID-19 and should
not be used as the sole basis for treatment, patient
management decisions, or to rule out active infection.

Individuals tested early after infection may not have
detectable IgG antibody despite active infection;
in addition, not all individuals will develop a detectable
IgG response to SARS-CoV-2 Infection. The absolute
sensitivity of the VITROS Immunodiagnostic Products
Anti-SARS-CoV-2 IgG Reagent Pack assay is unknown.

When testing is negative, the possibility of a false
negative result should be considered in the context of an
individual's recent exposures and the presence of
clinical signs and symptoms consistent with COVID-19.
The possibility of a false negative result should
especially be considered if the individual's recent
exposure or clinical presentation indicate that COVID-19
is likely and diagnostic tests for other causes of illness
(e.g., other respiratory illness) are negative. Direct
testing for virus (e.g., PCR testing) should always be
performed in any individual suspected of COVID-19,
regardless of the VITROS Immunodiagnostic Products
Anti-SARS-CoV-2 IgG Reagent Pack assay result.

Risks to an individual of a false negative result include:
restriction of activities deemed acceptable for individuals
with evidence of an IgG response to SARS-CoV-2, or
other unintended adverse events.

What is an EUA?
The United States FDA has made this test available
under an emergency access mechanism called an
Emergency Use Authorization (EUA). The EUA is
supported by the Secretary of Health and Human
Service’s (HHS’s) declaration that circumstances exist to
justify the emergency use of in vitro diagnostics (IVDs)
for the detection and/or diagnosis of the virus that
causes COVID-19.

An IVD made available under an EUA has not
undergone the same type of review as an FDA-approved
or cleared IVD. FDA may issue an EUA when certain
criteria are met, which includes that there are no
adequate, approved, available alternatives, and based
on the totality of scientific evidence available, it is
reasonable to believe that this IVD may be effective in
the detection of IgG antibodies to the virus that causes
COVID-19.

Report Adverse events, including problems with test performance or results, to MedWatch by submitting the online FDA Form 3500
(https://www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=reporting.home) or by calling 1-800-FDA-1088

2 | Page
FACT SHEET FOR HEALTHCARE PROVIDERS
VITROS Immunodiagnostic Products Anti-SARS-CoV-2 IgG Reagent Pack - Ortho-Clinical Diagnostics, Inc.
April 24, 2020

The EUA for this test is in effect for the duration of the COVID-19 declaration justifying emergency use of IVDs, unless terminated or revoked (after which the test may no longer be used).

Where can I go for updates and more information?

**CDC webpages:**
- General: https://www.cdc.gov/COVID19

**FDA webpages:**
- General: www.fda.gov/human_coronavirus
- EUAs: (Includes links to recipient fact sheet and manufacturer's instructions) https://www.fda.gov/medical-devices/emergency-situations-medical-devices/emergency-use-authorizations

**Ortho-Clinical Diagnostics, Inc.:**
100 Indigo Creek Drive
Rochester, NY 14626

Contact email: OrthoCOVID19Test@orthoclinicaldiagnostics.com
Website: https://www.orthoclinicaldiagnostics.com/

Report Adverse events, including problems with test performance or results, to MedWatch by submitting the online FDA Form 3500 (https://www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=reporting.home) or by calling 1-800-FDA-1088