COVID-19 Testing Supplies and Emergency Use Authorized Test Kits Available Now

Sample Collection Supplies Including VTM and Swabs

Rapid Antibody (Lateral Flow) Test Kits

Real-Time RT-PCR Test Kits

CALL TO ORDER
877.722.8910
COVIDCLC.COM

Supping the Laboratory Community for Over 25 Years
Bartels® FlexTrans™
Viral Transport Medium

FDA 510(k) Cleared

**Important Facts:**
- Transport medium in a 15mL conical centrifuge tube allowing specimen collection, transport and processing in the same container.
- Contains glass beads to aid in the disruption of patient cells in the specimen, with subsequent release of viruses into the medium.
- Medium contains Minimal Essential Medium supplemented with L-glutamine and Hanks Salts, bovine serum albumin, sucrose, amphotericin B, gentamicin and streptomycin buffered with HEPES Buffer.
- Prior to use, store at room temperature, 2–8°C or -70°C.
- Manufactured in the USA.

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Ultra-thin Nasal/Nasopharyngeal Specimen Collection Swab

Ultra-thin, nylon-flocked sterile swabs for lab professionals conducting specimen collection.

**Important Facts:**
- Safe and convenient pre-molded breaking point for Handling and Transportation.
- ABS (Acrylonitrile Butadiene Styrene) Shaft and 100% Nylon Tip.
- Compatible with rapid, EIA, molecular, DFA, cytology, bacteriology and viral culture applications.
- For use with majority of media tubes including Bartels® FlexTrans™ media collection kit.

**Specifications:**
- Inner diameter swab’s loop is 1.50mm
- Diameter cross section of the loop frame 0.12mm
- Length of the flocking fiber is 2.0mm
- Fineness of the flocking fiber is 6.67dtex
- Fiber density is 300µg/mm
- Absorbing capacity of 165µL
- Break point 80mm
QuantiVirus™ SARS-CoV-2 Test Kit from DiaCarta

FDA Emergency Use Authorized

The QuantiVirus™ SARS-CoV-2 Test Kit is based on real-time Reverse-Transcription Polymerase Chain Reaction (RT-PCR) technology, developed for specific detection of SARS-CoV-2 (COVID-19) viral RNA extracted from nasopharyngeal swabs, oropharyngeal, and sputum samples.

Important Facts:
- Throughput: 21 samples (96-well plate) or 93 samples (384-well plate) per run.
- One sample in multiple qPCR reaction wells (4 assay mixes/per sample).
- Detects three genes (Orf1ab, N and E genes).
- Detects as low as 100 copies of viral RNA /mL sample.
- Sample Input: (2 - 5.5 µL) x 4/per sample.

QuantiVirus™ SARS-CoV-2 Multiplex Test Kit from DiaCarta

FDA Emergency Use Authorized

The QuantiVirus™ SARS-CoV-2 Multiplex Test Kit is an enhanced throughput version of the QuantiVirus™ SARS-CoV-2 Test Kit based on real-time Reverse-Transcription Polymerase Chain Reaction (RT-PCR) technology for the specific detection of SARS-CoV-2 (COVID-19) viral RNA extracted from nasopharyngeal swabs, oropharyngeal, and sputum samples.

Important Facts:
- Enhanced Throughput: 93 samples (96-well plate) or 381 samples (384-well plate) per run.
- One sample in one qPCR reaction well (1 assay mix/per sample).
- Detects Orf1ab gene.
- Detects as low as 50 copies of viral RNA /mL sample.
- Sample Input: 2-5.5 µL sample.

Carolina Liquid Chemistries is an Authorized, Value-Added Distributor

Real-Time RT-PCR Test Kits

Carolina Liquid Chemistries: Supplying the Laboratory Community for Over 25 Years

QuantiVirus™ Shared Specifications:
- Validated Instruments: ABI 7500 Fast Dx, ABI QuantStudio 5, and Bio-Rad CFX 384.
- Turnaround: < 2 hours from RNA to results.
- Stable for 12 months at -25°C to -15°C.
- CE/IVD Marked, FDA EUA Approved.
- Scalability with 3 convenient package sizes: 24 Reactions, 48 Reactions, 480 Reactions.

The QuantiVirus™ SARS-CoV-2 Test Kit and QuantiVirus™ SARS-CoV-2 Multiplex Test Kit from DiaCarta have not been FDA cleared or approved; these tests have been authorized by FDA under an EUA for use by authorized laboratories certified under the Clinical Laboratory Improvement Amendments (CLIA) of 1988, 42 U.S.C. §263a, to perform high complexity tests. These tests have been authorized only for the detection of nucleic acid from SARS-CoV-2, not for any other viruses or pathogens. These tests are 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. Instructions for Use and Fact sheets for Healthcare Providers and Patients can be found at carolinachemistries.com.
Rapid Antibody (Lateral Flow) Test Kits

COVID-19 IgG/IgM Antibody Rapid Test Device by Assure Tech.

FDA Emergency Use Authorized

The Fastep COVID-19 IgG/IgM Rapid Test Device by AssureTech. is intended for the qualitative detection and differentiation of IgM and IgG antibodies to SARS-CoV-2 in human venous whole blood, serum or plasma. The Fastep COVID-19 IgG/IgM Rapid Test Device is intended for use as an aid in identifying individuals with an adaptive immune response to SARS-CoV-2, indicating recent or prior infection.

Important Facts:
- Lateral Flow
- Target: Spike (S) and Nucleocapsid (N)
- Result Time: 15 minutes

Includes
- 20 Tests per Kit
- Internal Control
- External Negative Control
- External Positive Control
- Individually packed
- Buffer
- Disposable pipettes

Summary Statistics

<table>
<thead>
<tr>
<th>Measure</th>
<th>Estimate</th>
<th>Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>IgM+ Sensitivity (PPA)</td>
<td>100% (30/30)</td>
<td>(88.7%; 100%)</td>
</tr>
<tr>
<td>IgM- Specificity (NPA)</td>
<td>98.8% (79/80)</td>
<td>(93.3%; 98.8%)</td>
</tr>
<tr>
<td>IgG+ Sensitivity (PPA)</td>
<td>90.0% (27/30)</td>
<td>(74.4%; 96.5%)</td>
</tr>
<tr>
<td>IgG- Specificity (NPA)</td>
<td>100% (80/80)</td>
<td>(95.4%; 100%)</td>
</tr>
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