



Medical Supply Group, Inc.

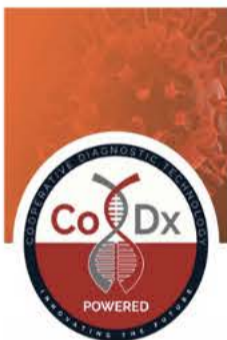


ABOUT US

The Medical Supply Group, Inc. is a wholly owned subsidiary of The P3 Group Inc. The P3 Group, Inc. is an international consulting and real estate development firm that specializes in public private partnerships (PPP's). Medical Supply Group, Inc. was formed to leverage private resources to deliver much needed medical supplies to the public sector to help combat the spread of COVID-19. Just like all of The P3 Group's PPP transactions, the public sector does not advance any funds until the order has been received.

PRODUCT & PRICING

- ❖ **LOGIX SMART COVID-19 (90) MINUTE PCR TEST KIT - \$27.50 each (MINIMUM ORDER 1000 KITS)**
- ❖ **N95 ADULT FACE MASKS - \$3.80 each (MINIMUM ORDER 5000 MASKS)**



*Shipping is included with 3 to 4 day delivery.

*Our prices are fixed and all payments are due the next business day after receipt of order.

HONORABLE MENTIONS

- ❖ First Minority Contractor to hold a Prime Contract with the US Naval Nuclear Power Training Command (2013).
- ❖ Corporate surety bonds backed by the full faith and credit of the State of Mississippi through Mississippi Development Authority's Bond Guarantee Program (2013) for our construction subsidiary.
- ❖ Construction subsidiary named the 7th fastest growing inner city company in the country by the Initiative for a Competitive Inner City and Fortune Magazine (2015).
- ❖ Selected as the Power P3 Speaker by Prairie View A&M University for its Business of the University Conference (2018).
- ❖ Selected as P3 Speaker for the Mississippi Delta Grassroots Caucus (2019).
- ❖ Selected by Mississippi Development Authority as a small business success story (2019).
- ❖ Selected as Public Private Partnership (P3) speaker for Arkansas Conference of African American Mayors (2020).



Logix Smart™ Coronavirus Disease 2019 (COVID-19) CE-IVD

Innovating Molecular Diagnostic Solutions

The Logix Smart™ Coronavirus Disease 2019

(COVID-19) test kit is an *in vitro* diagnostic test that uses our patented CoPrimer™ technology for the qualitative detection of RNA from SARS-CoV-2 coronavirus (COVID-19) from lower respiratory tract specimens (e.g. bronchoalveolar lavage, sputum, tracheal aspirate), upper respiratory tract specimens (e.g. nasopharyngeal fluids, nasal swab), and serum from patients who meet the clinical criteria (e.g. signs and symptoms) for coronavirus disease 2019 (COVID-19) as established by WHO (WHO, 2020) and the US CDC (CDC, 2020) (e.g. fever, cough, shortness of breath, travel history to China).

The test kit has been tested with QIAamp® Viral RNA Mini Extraction Kit (Qiagen) on CoDx Box thermocycler (Bio Molecular Systems), and Eco 48 Real Time PCR (PCRmax).

CDC. (2020, Feb 13). Coronavirus Disease 2019 (COVID-19): Evaluating and Reporting Persons Under Investigation (PUI). Retrieved Feb 19, 2020, from Centers for Disease Prevention and Control: <https://www.cdc.gov/coronavirus/2019-nCoV/hcp/clinical-criteria.html>

WHO. (2020). Coronavirus disease (COVID-19) technical guidance: Surveillance and case definitions. Retrieved Feb 19, 2020, from World Health organization: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/surveillance-and-case-definitions>



Logix Smart™ COVID-19

- Compatible with multiple sample types**
- Contains a simple and streamlined workflow**
- Includes internal control to verify sample quality**
- Includes a positive control to verify master mix quality**
- Produces results that are easy to interpret**
- Compatible with multiple platforms & sample extraction techniques**



About Logix Smart™ COVID-19 PCR Test

Product Performance Characteristics

Intended Use	Qualitative real time RT-PCR test for detection of gene <i>RdRp</i> of SARS-CoV-2 (COVID-19).
Sample Type	Lower respiratory tract fluids (bronchoalveolar lavage - BAL, tracheal aspirate, and sputum), and upper respiratory tract fluids (Nasopharyngeal and oropharyngeal swabs).
User	Laboratory technician trained in molecular diagnostics procedures
COVID-19	
Limit of Detection (copies/ml)	1,349.38
Sensitivity†	99.17%
Specificity†	100.00%
Clinical Matrix used for analytical verification	Lower respiratory tract fluid (Bronchoalveolar Lavage (BAL) and sputum), upper respiratory tract fluid (Nasopharyngeal fluid), and serum
Analytical Specificity (wet-test or in silico analysis)	DOES NOT cross-react with the following microorganisms: SARS-CoV, MERS-CoV, Human coronaviruses (HCoV-229E, HCoV-OC43, HCoV-NL63, HCoV-HKU1), Adenovirus, Influenza A H3N2, Novel Influenza A H1N1, Influenza B, Influenza C, Parainfluenza 1, Parainfluenza 2, Parainfluenza 3, Respiratory syncytial virus (subtype A), Respiratory syncytial virus (subtype B), Parechovirus, <i>Candida albicans</i> , <i>Corynebacterium diphtheriae</i> , Legionella non-pneumophila, <i>Bacillus anthracis</i> , <i>Moraxella catarrhalis</i> , <i>Neisseria elongata</i> , <i>Neisseria meningitidis</i> , <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Streptococcus salivarius</i> , Leptospirosis, <i>Chlamydia psittaci</i> , <i>Coxiella burnetii</i> (Q-Fever), <i>Staphylococcus epidermidis</i> , Enterovirus, Rhinovirus , <i>Haemophilus influenzae</i> , <i>Mycobacterium tuberculosis</i> , <i>Bordetella parapertussis</i> , <i>Mycoplasma pneumoniae</i> , <i>Chlamydia pneumoniae</i> , and <i>Legionella pneumophila</i>
Time to detection	63-90 minutes, depending on the machine used
Extraction System	QIAamp Viral RNA Mini kit (QIAGEN)
Thermal cycler compatibility	CoDx Box (Bio Molecular Systems) Eco 48 (PCRmax) 2 channels: FAM and CF610 (ROX)

†Calculations are based on 360 replicates of contrived samples using synthetic SARS-CoV-2 RNA template.

Each Logix Smart™ Coronavirus Disease 2019 (COVID-19) kit includes:

- 1x500 µl (100rxns) or 1x1250 µl (250rxns) Logix Smart™ COVID-19 Master Mix
- 1x500 µl (100rxns) or 1x1250 µl (250rxns) Logix Smart™ COVID-19 Positive Control
- 1x500 µl (100rxns) or 1x1250 µl (250rxns) Nuclease Free Water

Ordering Information:

Product Name	Product ID
Co-DX Box™ Thermocycler	Request Quote
Logix Smart™ Coronavirus Disease 2019 (COVID-19) CE-IVD kit 100 rxns	COVID-K-001-100I
Logix Smart™ Coronavirus Disease 2019 (COVID-19) CE-IVD kit 250 rxns	COVID-K-001-250I

