VIRUS GEEKS
STATEMENT OF CAPABILITIES

Over the past year, the pharmaceutical, biotechnology, healthcare industries have experienced significant changes because of the COVID-19 Pandemic. New Government legislation, changes in healthcare laws and the sped up pace of technology progress and biotechnological discoveries have transformed the business landscape forever.

As a result, Virus Geeks, a data-driven company that develops health-centric initiatives to improve the quality of life through strategic partnerships across healthcare and biotechnology sectors, is focus on helping communities to gain access to COVID-19 testing and related healthcare benefits.

Designated as a Federal & California-certified small and Minority Business Enterprise, Virus Geeks bring together the components to organize and project manage end-to-end COVID-19 programs for Enterprise, Government Agencies & Schools.

Our company's range of services includes SARS-CoV-2 surface & water detection, COVID-19 molecular diagnostic testing, flu detection and pathogen remediation.

CODES & CERTIFICATIONS

- Federal Certified Small Business
- California Certified Small Business
- Certified Minority Owned Business Enterprise

CA.GOV
We are a California Certified Small Business

SAM
SYSTEM FOR AWARD MANAGEMENT

Certified MBE
Minority Business Enterprise

NAICS CODES: 541380, 562910, 541620, 541690, 541512, 561990, 541511

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CORE COMPENTENCIES

- Molecular Diagnostics RT-qPCR (PCR)
- CLIA-certified Lab Services
- SARS-CoV-2 (COVID-19) Environmental Detection: Surface & Waste Water
- COVID-19 Testing: Mobile, On-Site Collection & Remote
- IgG (Antibody) Testing
- Antigen (Rapid Test)
- Healthcare Provider Staffing
- Program Management and Administration: End-to-End Community Based Testing
- COVID-19 Federal Programs, such as FEMA, HHS, CARES, Medicare & others
- Clinical and Technical Information Technology support for Electronic Health Records
- HIPAA Compliant, Multi Language Call Center
- Application Programing Interface (API) development; seamless system interoperability
- Revenue Cycle Management: Insurance & Government Payor
- Hazzard Communications & Risk Management Program aligned with OSHA guidelines
- CLAS Standards, WHO Certification: Culturally-Sensitive Services
- Pathogen Remediation aligned with EPA guidelines

PAST PERFORMANCE

- Applications Development: Hewlett Packard Enterprise, Oracle and Sun Microsystems
- COVID-19 Program Implementation: Crescent Medical Center, San Jose, CA
- COVID-19 Molecular Diagnostics: Emery Pharma, Ultragenyx, Vir Biotechnology
- On-Site COVID-19 Testing: Farmgirl Flowers, Chemical Safety Technology, Nano Silicon
- Pathogen Remediation: San Lorenzo Valley Water District, Micro Mechanics, CEO Works

Molecular Diagnostics (PCR) Test

High Sensitivity & Accuracy

According to the recent FDA SARS-CoV-2 Reference Panel Comparative Data released on September 15, 2020, among all the FDA EUA tests with returned results, Our CLIA-certified SARS-CoV-2 Test and SARS-CoV-2 Multiplex Test both rank within the top 3 for product sensitivity (100%). With the limit of detection (LoD) at 600 NDU/ml, these tests are 300 to
900-folds better than the least sensitive tests listed (180,000 NDU/ml VTM Swabs and 540,000 NDU/ml Dry Swabs). Product sensitivity is important for accurate testing. A sensitive test is less susceptible to false results.

Assays & Standard Operating Procedure

Our CLIA-certified SARS-CoV-2 Multiplex Test Kit is based on Real-Time PCR technology, developed for specific detection of SARS-CoV-2 (COVID-19) viral RNA extracted from nasopharyngeal swabs, oropharyngeal swabs and sputum. This kit is FDA Emergency Use Authorization (EUA) Approved and CE/IVD marked. It detects Orf1ab gene with high throughput: 93 samples (96-well plate) or 371 samples (384-well plate) per run).

The analytical sensitivity of our SARS-CoV-2 Multiplex Test Kit is 50 copies per mL of SARS-CoV-2 viral with a 95% confidence, offering high testing accuracy and confidence in patient test results.

The clinical sensitivity data shows that our CLIA-Certified S A RS-CoV-2 Multiplex Test Kit i s in 100% agreement with real patient samples previously tested with CDC assay and Abbott m2000 assay.

According to the recent FDA SARS-CoV-2 Reference Panel Comparative Data released on September 15, 2020, among all the FDA EUA approved tests with returned results, Our CLIA-certified Test ranks within the top 3 for product sensitivity, allowing our tests to provide more accurate and reliable results.

Our CLIA lab provides a high-throughput COVID-19 testing service for the reopening of businesses and schools. Managed by the LIMS (Laboratory Information Management System), the whole clinical laboratory workflow is seamless from sample to report. Our Clinical Laboratory is Clinical Laboratory Improvement Amendments (CLIA) certified and qualified for performing high complexity testing. Test has been approved by the U.S. FDA under an Emergency Use Authorization (EUA) and was validated in accordance with the FDA Guidance Document Policy.

Differentiators

Virus Geeks guiding principles led by Physicians, Scientists, Engineers & Influencers having over 50 years of project management experience in delivering health care programs and developing technical solutions. Leadership provides a value-added metric to its programs; Virus Geeks employees and subcontractors receive strong indoctrination to meet and exceed project expectations, earn performance incentives to give back to their community.

Company Data

Virus Geeks, Inc., founded in 2020, certified by the Federal Government & State of California as a minority owned enterprise and small business.

- DUNS: 117644924
- CAGE: 8QFM1
- FEIN: 85-1729048
- CA Certification ID: 2020877
- NAICS
  541380 :Testing Laboratories, 562910: Remediation Services, 541620: Environmental Consulting, 541690: Other Scientific and Technical Services, 541512: Computer Systems Design Services, 561990: All other Pro., Scientific, and Tech. Svcs., 541511: Custom Computer Systems Design Services