



Alimetric is a CLIA, CAP accredited molecular diagnostic laboratory located on the campus of the **HudsonAlpha Institute for Biotechnology** in Huntsville, Alabama, specializing in the molecular diagnosis of infectious diseases.

### Panels offered

#### GI-Metrix

Identifies gastrointestinal infections

#### STI-Metrix

Identifies sexually transmitted infections

#### UTI-Metrix

Identifies urinary tract infections

#### HPV-Metrix

Identifies oncogenic strains of Human Papilloma Virus

### COVID-19 tests offered

#### SARS-Cov-2 RT-PCR

A molecular PCR test to identify the COVID-19 live virus

#### CoV19 SeroTest

A microarray based antibody test to identify those who have had COVID-19 and may be immune

### Sample collection

Samples are collected from the patient and sent overnight courier to Alimetric. We will process the sample within 24 hours with test results ready by 4pm CST of the same day.



alimetric.com

1-844-4GENOME (1-844-443-6663)

800 Hudson Way

Huntsville, AL 35806

### ALIMETRIX CoV-2 PCR TEST

The Alimetric SARS-CoV-2 RT-PCR Assay is a molecular RT-PCR assay for the qualitative detection of nucleic acid from SARS-CoV-2 (Covid 19). Our methodology makes it possible to selectively amplify the viral genome and greatly increase the sensitivity of the assay. Tests are performed on mid-turbinate nasal specimens from individuals suspected to have an active infection. Using a series of three identification probes we are able to accurately discern CoV-2 from other coronaviruses. This results in a high degree of specificity with fewer false positive results. Our test will help diagnose those currently infected with CoV-2 and actively shedding the virus. These individuals are considered infectious to others at this stage of their illness.

### ALIMETRIX CoV19 SeroTest *Coming soon*

Developed by Alimetric, the new SARS-CoV-2 (COVID-19) serological test will provide physicians with meaningful CoV-2 immune status information. This is helpful in gauging an individual's past exposure to the virus, in assessing the immunological status to a current infection, and to gauge the level and magnitude of the immune response post-infection or post-vaccination.

The Alimetric test is highly sensitive, with a high degree of specificity. Of the seven known coronaviruses that cause infections in humans, four typically cause common non-life threatening upper respiratory infections. The Alimetric test is designed to identify and distinguish between the seven coronaviruses with a high degree of specificity to insure that the results are distinctly attributable to CoV-2. The Alimetric test is fluorescence based, which is approximately 10 times more sensitive than most quick-test lateral flow CoV-2 assays with colorimetric readouts.

The Alimetric test is designed to produce quantitative results which will help gauge the magnitude of the immune response both post-infection and post-vaccination. This is important in assessing a level of protection. It is also anticipated that post-vaccination antibody levels will be useful in determining whether a vaccine produces a protective response in an individual. This will be extremely beneficial in older adults with waning immune response and those who are immunocompromised or immunosuppressed.