

Purelab



At the heart of a prosperous organization lies the well-being of its workforce. With Purelab, we extend beyond the fundamentals of employee care. Our comprehensive occupational health testing, backed by prestigious accreditations from:









is the beacon of our commitment to your enterprise's enduring health and vitality.

## Purelab's Chain of Custody: Assurance of Integrity

Through careful documentation, Purelab guarantees the secure handling, tracking, and storage of samples from collection to analysis. as well as adhere to rigorous quality control procedures to safeguard the integrity of data.

Be more than an employer. Be a champion of wellness, shaping a resilient and dynamic workforce that is the true cornerstone of your business's triumph.



**Employee Wellness** 









# Covid-19 Testing

# A Vital Business ally in Navigating the Pandemic

Despite global vaccination efforts, the threat of COVID-19 and its evolving variants persists. With research underscoring the importance of diagnostic testing in reducing transmission and impact, Purelab stands as a key player in the UAE's COVID-19 response. Our state-of-the-art automated testing technologies offer swift and reliable results, incorporating nucleic acid, antigen, and antibody-based methods. At Purelab, we're committed to maintaining workplace safety and public health through rigorous and efficient COVID-19 testing, playing a vital role in helping UAE companies get back to business safely.

## Purelab's Robust COVID-19 Testing Suite

### RT-PCR Test:

#### The Benchmark in COVID-19 Detection

Regarded as the "gold standard" in COVID-19 testing, RT-PCR tests, a type of nucleic acid amplification tests (NAAT), offer higher accuracy in virus detection compared to antigen tests. While results can take up to 24 hours, the testing process itself varies from 30 minutes to 4 hours.<sup>2</sup>

Purelab offers the MDx Respiratory Virus Panel PCR for COVID-19, utilizing various sample types including BAL, Tracheal Aspirate, Nasopharyngeal Swab, Saliva, Sputum, and Throat Swab, ensuring comprehensive and precise results.<sup>2</sup>

### Antigen Test: Rapid Point-of-Care Diagnosis

Antigen tests are immunoassays that provide quick results, usually within minutes. They are ideal for point-of-care or at-home testing, offering a convenient and fast solution for initial COVID-19 screening.3

### Antibody Test: Tracing Past Infection

The COVID-19 antibody test determines past infection with the virus. A positive result indicates previous exposure and necessitates a confirmatory diagnostic test for a comprehensive assessment. 4





Purelab's advanced screening procedures for COVID-19, encompassing RT-PCR, antigen, and antibody tests, ensure a thorough and rapid response to the ongoing pandemic challenges, contributing to safer workplaces and communities.

#### References

- 1. Al-Hosani F, Al-Mazrouei S, Al-Memari S, Al-Yafei Z, Paulo MS, Koornneef E. A Review of COVID-19 Mass Testing in the United Arab Emirates. Frontiers in Public Health. 2021 May 12;9.
- 2. Centres for Disease Control and Prevention. Coronavirus Disease 2019 (COVID-19). Centres for Disease Control and Prevention. 2020.
- 3. COVID-19 transmission and protective measures| WHO Western Pacific.
- 4. COVID-19 antibody test: MedlinePlus Medical Encyclopedia. medlineplus.gov. [cited 2023 Sep 20].





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