

## NOW OFFERING COVID-19 SURFACE AND ENVIRONMENTAL TESTING

**As employers prepare to welcome their workforces back to work, concerns about surface and environmental contamination will be top of mind.**

Businesses across every industry sector are seeking peace of mind in terms of **compliance, occupational health and safety, and their social responsibility** towards employees and customers to create a clean and safe environment.

**NOSA Testing Veterinary Laboratories**, an ISO17025 accredited laboratory facility, can help. We are now able to carry out **surface and environmental sampling** for the detection of Coronavirus S gene specific to COVID-19, in accordance with the World Health Organization (WHO) protocol for health care and public health.

NOSA Testing Veterinary Laboratories can help South African Businesses detect the presence of COVID-19 by means of our **RNA virus determination real time PCR method**, utilising the same method that is accredited for swabs and animal specimen samples for other viruses.

Our labs are well positioned in the provinces where the demand for testing is the highest i.e.: **Gauteng and the Western Cape**. These laboratories meet the current biosafety and biosecurity standards according to the OIE Standards for biological risks, and **all testing takes place in a BSL2 testing environment** which is a minimal requirement recommended by the World Health Organization.

### NOSA Testing COVID-19 environmental PCR will assist South African business by:

- **Reducing COVID-19 spread** in population by verifying a clean environment
- Reducing the high **probability of employees** contracting COVID-19
- Working in conjunction with **disinfectant efficacy projects**
- **Assisting businesses to reopen** and reduce economic and social loss

### How does NOSA Testing carry out COVID-19 analysis?



Utilising **YOUSEQ COVID-19 Multiplex qPCR kit**, imported directly from the UK.



NOSA Testing methodology of analyses **tests for two protein genes** on the virus to confirm presence. They are:

- > E gene which detects corona viruses (Envelope protein)
- > S gene specific to COVID-19 (Spike protein)



COVID-19 results shall be reported **within 48 hours** from date of sample receipt.

**For more information relating to sample analysis and fees, please contact:**

**Keshav Beachen (Commercial contact)**  
+27 (0) 71 442 9418 | keshav.beachen@nosa.co.za

**Dionne Rauff (Technical contact)**  
+27 (0) 83 341 5045 | dionne.rauff@nosa.co.za