



## Detection of SARS-CoV-2 (COVID-19) in Environment & Food



In light of Covid-19 outbreak which has affected and caused a global pandemic, it was discovered that this infectious disease was caused by a virus identified as severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). This virus is known to be highly contagious and is primarily spread between humans through close contact; predominantly via small droplets or aerosol transmission produced by sneezing, coughing and talking of an infected carrier. These droplets will also tend to land onto surfaces and though will eventually degrade, recent studies have shown that the virus still consist of potential virulency on surfaces up to 3 - 5 days. As a result that transmission through contaminated surfaces may also be a possible route of exposure, health authorities and organizations are strongly advised to monitor detection of SARS-CoV-2 in their environment in order to ensure immediate and effective sanitation and adequate preventive measures are in place to protect the safety of staffs and their environment.

**BIO SYNERGY** Laboratories now offers a full range of services for the detection and identification of SARS-CoV-2 in air, on surface and also food samples to curb and stop further spreading of the pandemic. We offer effective test solutions and real-time (RT) PCR tests which helps to provide:

- An indicator to measure the effectiveness of work place decontamination procedures and cleaning methods especially at potential and high risk contact surfaces such as door handles, railing and etc,
- An alert indicator on the detection of virus at sampled work areas which may caused or lead to infection risks to environment and staffs at site,
- Safety of materials/food for use and sale.



Our laboratory will provide one-stop solution – from sampling areas planning, sampling execution right up to accurate testing in order to allow you to assess the adequacy of risk plans you have in place and to ensure that effectiveness of your organization in controlling the infection and also in providing a safe working environment.

