

TEST REPORT



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REPORT ON THE PROLONG EFFECT OF QUANTUMG™ QR-TAC & QUANTUMG™ QR-C SERIES DISINFECTANT SPRAY AGAINST SARS-COV-2 (COVID-19) AN IN- VITRO SUSPENSION ASSAY ACCORDING TO ASTM E1053 PROTOCOL

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EXECUTIVE SUMMARY

The QuantumG™ QR-TAC and QuantumG™ QR-C Series Disinfectant Sprays, were evaluated for its prolonged virucidal activity against the SARS-CoV-2, the virus that caused COVID-19 pandemic. The prolonged efficacy of QuantumG™ QR-TAC and QuantumG™ QR-C Series Disinfectant Sprays against SARS-CoV-2 were tested on coated glass slides (Coated on 01.02.2020) for 1 year followed by spreading of SARS-CoV-2 inoculum over the coated plates according to the ASTM E1053 protocol. All tests were performed in a Biocontainment Level III facility of the Tropical Infectious Diseases Research and Education Center (TIDREC), University of Malaya, Malaysia. All procedures strictly adhered to biosafety procedures and approved protocols. The disinfectant sprays when used to coat the glass slides, retained $>3 \log_{10}$ virus titer reduction compared to the controls even after 1-year post-spraying. This finding suggests that the QuantumG™ QR-TAC and QuantumG™ QR-C Series Disinfectant Sprays, can kill 99.9% SARS-CoV-2 up to 1-year post application.