



About Our Lab

We are experts in RT-qPCR testing for RNA viruses. Since 2002, we have performed tens of thousands of RT-qPCR tests as part of Ontario's West Nile Virus mosquito surveillance and virus testing program. Now we are licensed under the Ontario Ministry of Health to conduct RT-qPCR tests of human swabs for the SARS-CoV-2 virus. Sometimes this is referred to as NAAT testing, or simply, PCR testing.

What We Do

We use Public Health Agency of Canada (PHAC) approved reagents and instruments to meet the Gold Standard of testing for SARS-CoV-2. We use the Centers for Disease Control and Prevention (CDC) Emergency Use Authorization protocol – which targets two different regions of the nucleocapsid gene (N1 and N2) for detecting SARS-CoV-2 in human samples and a third target (RNaseP) which is a control to ensure that there is a human-derived sample on the swab. The CDC EUA protocol can detect emerging variants but does not distinguish among them. We work with businesses to test **asymptomatic** employees to make sure that COVID-19 stays out of the workplace. We can also test **asymptomatic** people who might need a COVID-19 PCR test from a licensed medical diagnostics lab for travel purposes.

Experience the Difference

We are committed to helping in the fight against the spread of COVID-19 by **asymptomatic** people. We provide results within **24 hours** of receiving swabs at the lab. If anyone is experiencing symptoms, however, they must get tested through Public Health. We are currently accepting clients. Please note that we do not provide any sample collection services. We only offer molecular diagnostic services to businesses able to comply with current Ontario regulations of sample requisitioning (by a physician or nurse practitioner) and sample collection (by a physician, nurse practitioner or nurse).

For More Information, Please Contact us at emDx@entomogen.ca

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