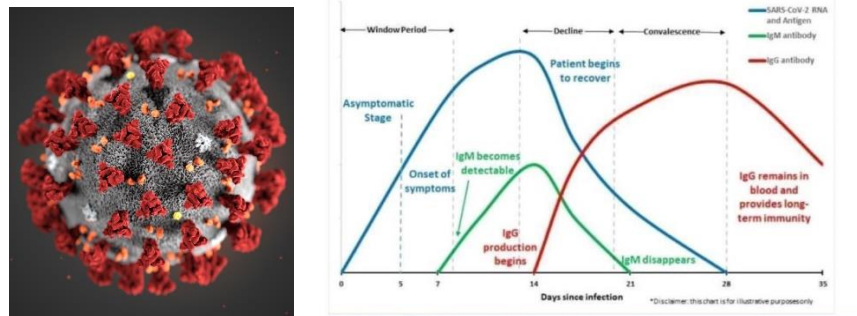


**Effective May 1, 2020**

The Milwaukee Health Department Laboratory (MHDL) will offer **SARS-CoV-2 IgG** antibody testing.

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is a positive-sense, single-stranded RNA virus that is the causative agent of coronavirus disease 2019 (COVID-19). The incubation period for the disease ranges from 5 to 7 days. Immunocompetent individuals develop detectable IgG antibodies against SARS-CoV-2 approximately 8 to 11 days following onset of symptoms.

Testing is recommended in individuals at least 10 days post-symptom onset or following exposure to individuals with laboratory-confirmed COVID-19. Patients tested prior to this time may be negative for SARS-CoV-2 IgG antibodies. Therefore, molecular testing is recommended for diagnosis of COVID-19 in symptomatic patients.



Adapted from: [www.cdc.gov/COVID19](http://www.cdc.gov/COVID19) and Dlazyme

SARS-CoV-2	Antibody assay <sup>1</sup>	Molecular assay <sup>2</sup>	
<b>Specimen requirements</b>	1-3ml serum 5ml whole blood (EDTA)	Nasopharyngeal swab (NP), Oropharyngeal swab (OP) Nasal swab	
<b>Storage</b>	<i>Serum/Plasma</i> Room Temp (≤ 48 h) 2-8°C (≤ 7 days) ≤ 10°C (≤ 30 days)	2-8°C (≤ 5 days) ≤ 70°C (≤ 30 days)	
<b>Transport</b>	As above	As above	
<b>Turn-around time</b>	1-2 days	1-2 days	
<b>CPT-HCPCS code</b>	86769	87635-U0001	87635-U0003
		CDC panel	Non-CDC NAAT
<b>Cost (\$)</b>	TBD	Exempt	Exempt

<sup>1</sup>IgG antibody assay

<sup>2</sup>real-time RT-PCR assay

Additional testing capabilities for COVID-19 at MHDL can be found at: <https://city.milwaukee.gov/health/healthlab>

Antibody testing for SARS-CoV-2 in Wisconsin: Recommendations and Reporting Requirements

<https://content.govdelivery.com/accounts/WIDHS/bulletins/2897e5f>

CDC Serology: <https://www.cdc.gov/coronavirus/2019-ncov/lab/serology-testing.html>