






BVHS COVID-19 Test Order Reference

Order Name & Utilization	Collection Requirements & Stability	Collection Materials	Test Platform & Performance	Best Timeframe for Testing	Turnaround Time
SARS-COVID19 RNA Rapid <ul style="list-style-type: none"> • ED • Any setting requiring a fast turnaround time 	"Dry" Nasal or NP swab Testing must be performed <u>within 1 hour of collection</u>		Abbott ID Now 2.0 Sensitivity: 93.3% Specificity: 98.4%	Within 7 days of symptom onset.	1 Hour
SARS-CoV-2 Antigen Suspected cases of COVID within first 7 days of symptom onset. Antigen is generally detectable in nasal swabs during the acute phase of infection.	"Dry" Nasal or NP swab Testing must be performed <u>within 1 hour of collection</u>		Binax Now COVID-Ag Card Sensitivity 71.1% (Within 7 days of symptom onset) Specificity: 100%	Within 0-7 days of symptom onset. Test detects current SARS-CoV-2 infection.	1 Hour
SARS-CoV-2 RNA by RT-PCR <ul style="list-style-type: none"> • Pre-Op, Work, Travel, School Clearance requiring NAAT by RT-PCR • Other PCR Method Requests 	Nasal or NP swab in following media: <ul style="list-style-type: none"> • Universal or Viral Transport Media (VTM/UTM) • Saline (PBS or 0.9%) 		Cepheid Gene Xpert SARS-CoV-2 Sensitivity: 97.9% Specificity: 100%	Acute phase of infection. NAA by RT-PCR can detect live virus and viral fragments that may still be present after symptoms clear.	2 to 3 Hours
SARS-CoV-2, Influenza A/B, and RSV RNA Detection	Nasal or NP swab in following media: <ul style="list-style-type: none"> • Universal or Viral Transport Media (VTM/UTM) • Saline (PBS or 0.9%) 		Cepheid Gene Xpert SARS-CoV-2/Flu/RSV (RT-PCR) For SARS-CoV-2: Sensitivity: 97.9% Specificity: 100%	Acute phase of infection.	2 to 3 Hours
SARS-CoV-2 Spike Antibody Send Out: Other	Blood Collection <ul style="list-style-type: none"> • Gold Top (SST-Gel) • Plain Red Top (NO GEL) 		Performed at Mayo Clinic Laboratories		Performed at Mayo Monday thru Friday

NAAT – Nucleic Acid Amplification Test

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