






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 Sensitivity: 93.3% Specificity: 98.4%	Within 7 days of symptom onset.	1 Hour
SARS-CoV-2 Antigen <ul style="list-style-type: none"> All routine outpatients – asymptomatic & symptomatic 	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%) 		Ortho Vitros 3600 Sensitivity (PCR Ct<30): 94.8% (NP Swab) 92.3% (Nasal Swab) Specificity: 100%	Within 0-7 days of symptom onset. Test detects current SARS-CoV-2 infection.	48 hours
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 IgG Antibody <ul style="list-style-type: none"> Non-Diagnostic Positive test indicates presence of IgG antibodies due to previous COVID-19 infection or vaccination 	Blood Collection <ul style="list-style-type: none"> Lithium Heparin – Dark Green Tube Plasma Separator (PST) – Mint Green Tube 		Beckman Coulter DXI Sensitivity: 98.9%	>15 days post symptom onset.	24 Hours

NAAT – Nucleic Acid Amplification Test

Revised 08/12/2021