

<b>Name</b> Test Patient			<b>Req Form #</b> 2413293	<b>Collected</b> 01/12/2023	<b>Client</b> Test Client
<b>Address</b> 123 Main Street, Anywhere USA 12345			<b>Accession #</b> 2413293	<b>Received</b> 01/13/2023	<b>Address</b> 111 First Street, Anywhere USA, 12345
<b>Patient ID</b> 1111111	<b>Gender</b> Male	<b>Date of Birth</b> 01/01/2000	<b>Race</b> White	<b>Report Date</b> 01/15/2023	<b>Ordering Provider</b> John Smith, MD
<b>Ordered Test(s):</b> Influenza A & B PCR COVID-19 RSV Streptococcal Pharyngitis + Antibiotic Resistance (Reflex)			<b>Collection Device:</b> Oropharyngeal swab		<b>Collection Medium:</b> UTM

<b>COVID-19:</b>	<b>Negative</b>
<b>Influenza:</b>	<b>Negative</b>
<b>RSV:</b>	<b>Negative</b>
<b>Group A Streptococcus:</b>	<b>Streptococcus pyogenes - Positive</b>
<b>Group C/G Streptococcus:</b>	<b>Negative</b>

Comments
<b>Covid-19 Negative:</b> No Covid-19 markers detected from valid specimen.
<b>Negative:</b> No viral genetic markers detected from valid specimen.

Detected Pathogen Antibiotic Sensitivities		
Streptococcus pyogenes		
Antibiotic (Route)	MIC*	Interp <sup>†</sup>
Levofloxacin (Oral)	<=0.5000	S
Tetracycline (Oral)	<=1.0000	S
Linezolid (Oral)	2.0000	S
Penicillin (Oral)	<=0.0300	S
Azithromycin (Oral)	<=0.2500	S
Clindamycin (Oral)	<=0.1200	S
Erythromycin (Oral)	<=0.2500	S
Vancomycin (IV)	<=0.5000	S
Chloramphenicol (IV)	4.0000	S
Daptomycin (IV)	<=0.0600	S

\* MIC values are in micrograms/milliliter (µg/mL)

<sup>†</sup> Interpretation Meanings: Sensitive (S) = (Demonstrated Effectiveness) Intermediate (I) = (Incomplete Effectiveness) Resistant (R) = (No Effectiveness)

Real Time PCR Pathogen Results			
COVID-19 genes	Results	Control	Results
N_gene	Negative	MS2	Detected
ORF_1ab	Negative	RNase P	Detected
S_gene	Negative		
Influenza	Results		
FLU-A	Negative		
FLU-B	Negative		
Respiratory Syncytial Virus	Results		
RSV	Negative		
Group A Streptococcus	Results		
<b>Streptococcus pyogenes</b>	<b>Positive</b>		
Group C/G Streptococcus	Results		
Streptococcus dysgalactiae subsp. equisimilis	Negative		
Streptococcus equi subsp. zooepidemicus	Negative		

*MS2 and RNase P are internal controls. **Detected** results for MS2 and RNase P are **normal** and indicates sample integrity. A **Not Detected** result indicates sample integrity failed and the sample or test might be **Invalid**.*

**Disclaimer:** This assay is designed to detect unique viral/microbial genes. A Negative result does not preclude the possibility of infection since the adequacy of sample collection and/or low viral/microbial burden may result in the presence of nucleic acids below the analytical sensitivity of this test method. Test results should be used along with other clinical and laboratory data in making the diagnosis. This test was developed and its performance characteristics determined and validated by Real Diagnostics. The FDA has not approved or cleared this test. However, FDA clearance or approval is not currently required for clinical use. The results are intended to be used only for clinical diagnosis.