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 TIN: 47-2642690 CLIA#: 06D2019763  
 Lab Director: Leslie Douglas, PhD, HCLD(MD), ABB

Patient: Smply, Sally (1/27/64)

Provider: Jane Doe, MD

Propensity Test

Sample Collected  
02/26/2025

Sample Received  
03/03/2025

Sample Tested  
03/07/2025

Test Reported  
03/10/2025

Sample type: Super Floss – Full Mouth

Test performed by: L. Douglas  
Test ID: 42979

Results:

The highlighted organisms have been detected in the sample provided:

	Cardiovascular Disease/Health	Metabolic Health Diabetes/Insulin Resistance	Pregnancy Health	Cancer Development and Cancer Risk Progression	Dementia and Cognitive Health	Respiratory Tract Infections	Red Complex Periodontal Pathogens	Dermal, Joint, and Musculoskeletal Health
<i>Aggregatibacter actinomycetemcomitans</i>	✓	✓	✓	✓	✓	✓		
<b>Campylobacter rectus</b>					✓			
<i>Capnocytophaga ochracea</i>					✓			
<i>Dialister pneumosintes</i>					✓	✓		
<i>Filifactor alocis</i>							✓	
<b>Fusobacterium nucleatum ss vincentii</b>		✓	✓	✓	✓	✓		✓
<i>Fusobacterium nucleatum ss polymorphum</i>		✓	✓	✓	✓	✓		✓
<b>Fusobacterium nucleatum ss nucleatum</b>		✓	✓	✓	✓	✓		✓
<b>Porphyromonas gingivalis</b>	✓	✓	✓	✓	✓	✓	✓	✓
<i>Prevotella intermedia</i>	✓		✓		✓			
<i>Prevotella nigrescens</i>			✓					
<b>Staphylococcus aureus</b>	✓					✓		✓
<i>Staphylococcus warneri</i>	✓					✓		✓
<b>Streptococcus gordonii</b>	✓					✓		✓
<i>Streptococcus intermedius</i>	✓					✓		✓
<i>Streptococcus mitis</i>	✓			✓		✓		✓
<b>Streptococcus mutans</b>	✓					✓		✓
<b>Tannerella forsythia</b>	✓	✓	✓	✓	✓		✓	
<b>Treponema denticola</b>	✓	✓		✓			✓	

The DNA Connexions Propensity Test utilizes the polymerase chain reaction (PCR) technology to detect the presence of targeted microbial DNA. Sensitivity of the test is 1 to 10 microbes with a specificity exceeding 5 x 10<sup>18</sup>.

The DNA Connexions Propensity Panel identifies 19 of the most common bacterial species not only involved in periodontal diseases, but also those microbes which have been implicated in the progression of a variety of chronic, systemic conditions. The ongoing presence and chronic inflammation caused by these microbes can lead to their release and spread throughout the body. Ongoing research is identifying relationships between periodontal microbes and systemic diseases, including cardiovascular disease, gastrointestinal cancers, diabetes, cognitive disorders, respiratory issues and complications relating to pregnancy, among others.

## **REFERENCES**

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**Interpretation of Results Disclaimer:** DNA Connexions is not a clinical diagnostic laboratory and cannot provide a diagnosis for disease and/or subsequent treatment. These results are from DNA PCR testing, and indicate the presence of targeted foreign DNA. The information is supplied as a courtesy to health care providers to aide in an overall assessment. This information alone should not be used to diagnose and/or treat a health problem or disease. All reported results are intended for research purposes only and consultation with a qualified health care provider is required.