4685 Centennial Blvd.
Colorado Springs, CO 80919

Telephone: 888-843-5832
TIN: 47-2642690
Fax: 719-548-8220
CLIA#: 06D2019763

Lab Director: Robert McMullen, PhD
Lab Manager: Leslie Douglas, PhD

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

Propensity Panel

Provider: **Jane Doe, MD**

Test ID: 32997

Sample Collected	Sample Received	Sample Tested	Test Reported
01/01/2020	01/03/2020	01/09/2020	01/11/2020

Sample type: **SuperFloss**

Test performed by: L. Douglas

The DNA Connexions Propensity Panel 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 5×10^{18}.

The highlighted microbes were detected in the submitted sample:

	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
Aggregatibacter actinomycetemcomitans	✓	✓	✓	✓	✓	✓		
Campylobacter rectus					✓			
Capnocytophaga ochracea					✓			
Dialister pneumosintes					✓	✓		
Filifactor alocis							✓	
Fusobacterium nucleatum ss vincentii		✓	✓	✓	✓	✓		✓
Fusobacterium nucleatum ss polymorphum		✓	✓	✓	✓	✓		✓
Fusobacterium nucleatum ss nucleatum		✓	✓	✓	✓	✓		✓
Porphyromonas gingivalis	✓	✓	✓	✓	✓	✓	✓	✓
Prevotella intermedia	✓		✓		✓			
Prevotella nigrescens			✓					
Staphylococcus aureus	✓					✓		✓
Staphylococcus warneri	✓					✓		✓
Streptococcus gordonii	✓					✓		✓
Streptococcus intermedius	✓					✓		✓
Streptococcus mitis	✓			✓		✓		✓
Streptococcus mutans	✓					✓		✓
Tannerella forsythia	✓	✓	✓	✓	✓		✓	
Treponema denticola	✓	✓		✓			✓	

The DNA Connexions Propensity Panel identifies 19 of the most common 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.

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