

Patient Name: **James Kirk**
 Date of Birth: **05/04/2212**
 Patient ID:
 Accession: **AA1002**

 Primary Clinician: **Thomas Nabors**
 Testing Clinician: **Team DirectDx**
 Date Collected: **05/18/2022**
 Date Reported: **05/18/2022**

 Clinic Name: **Direct Diagnostics**
 Address: **3055 Hunter Road
San Marcos, TX 78666**
 Phone Number: **(512)861-1510**

Thank you for entrusting us with your High-Risk Pathogen Test. This unique and important medical test qualifies the most serious and high-risk oral pathogens that cause Periodontitis (tooth loss), Peri-Implantitis (implant loss), and Systemic Inflammation throughout the body. Based on the most recent medical Analysis's and reviews, these High-Risk Pathogens are high risk for both Oral & Systemic Health factors. Learn more by visiting www.directdiagnostics.com

Test Results

Relative Risk Categories: ● Low ● Moderate ● High

ⓘ Units = Log Genome Copies / ml

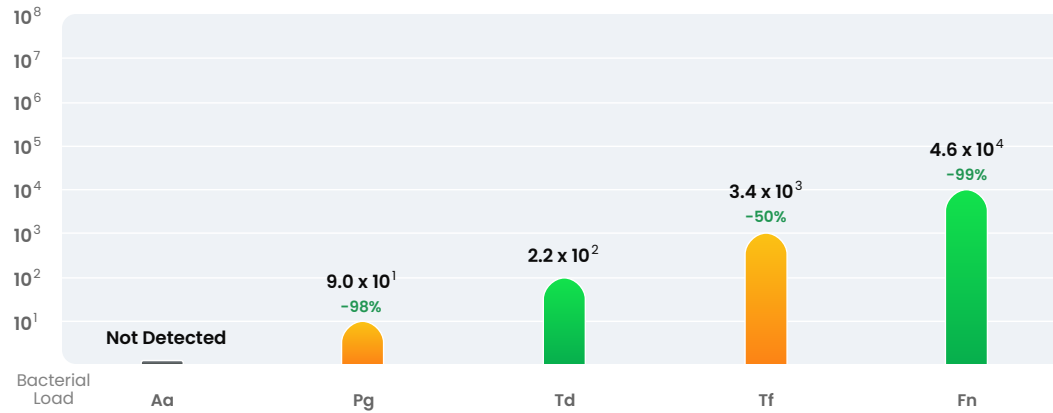
PRIOR TEST RESULTS

05/12/2022

 Aa Not Detected Pg 4.6×10^3 Td 2.2×10^2 Tf 6.8×10^3 Fn 8.7×10^6

CURRENT RESULTS

05/18/2022



Systemic Health Risk Factors

 Systemic Inflammation
 Cardiovascular Diseases
 Heart Attack & Stroke
 Pregnancy Complications
 Dementia & Alzheimer's
 Diabetes
 Airway
 Rheumatoid Arthritis
 Certain Cancers

Oral Health Risk Factors

 Bleeding gums (Gingivitis)
 Periodontal Disease
 Tooth Loss
 Implant Failure
 Chronic Inflammation
 Oral Cancer

Your oral health professional will explain your results and discuss personalized treatment options. When used in conjunction with other health related risk factors, your clinician can design a personalized treatment plan to reduce these pathogens to an acceptable level: thus, preventing tooth loss, implant loss, and systemic exposure.

Pathogen Description and Ranges

Aa	<i>Aggregatibacter actinomycetemcomitans</i>	← 10 ² →
Oral Health: Rapid Alveolar Bone Loss, Dental Decay, Severe Periodontitis, Dental Implant Failure. Systemic Health: Cardiovascular Disease, Ischemic Stroke, Pregnancy Complications, Dementia/Alzheimer's, Brain Abscesses, Oxidative Stress, Immune dysfunction.		
Pg	<i>Porphyromonas gingivalis</i>	← 10 ² →
Oral Health: Alveolar bone loss, Severe Periodontal Disease, Dental Implant Failure. Systemic Health: Heart Attack, Ischemic Stroke, Pregnancy Complications, Cancer, Diabetes, Dementia/Alzheimer's, Rheumatoid Arthritis, Inflammatory & Immune Diseases, Oxidative Stress, Immune dysfunction.		
Td	<i>Treponema denticola</i>	10 ³ ↔ 10 ⁵
Oral Health: Periodontal Disease, Dental Implant Failure. Systemic Health: Cardiovascular Disease, Arterial Plaque, Joint Replacement, Pregnancy Complications, Dementia/Alzheimer's, Oxidative Stress.		
Tf	<i>Tannerella forsythia</i>	10 ³ ↔ 10 ⁵
Oral Health: Periodontal Disease, Dental Implant Failure. Systemic Health: Dementia/Alzheimer's, Heart Disease, Arterial Plaque, Pregnancy Complications, Cancer, Diabetes, Aneurysm & Stroke.		
Fn	<i>Fusobacterium nucleatum</i>	10 ⁶ ↔ 10 ⁷
Oral Health: Periodontal Disease, Dental Implant Failure. Systemic Health: Pregnancy Complications, Heart Disease, Dementia/Alzheimer's, Cancer, Arthritis, Alters Immune Response & Enables Other Pathogens.		

This test was developed and performed by Direct Diagnostics, 3055 Hunter Rd, San Marcos, TX 78666
 CLIA# 45D2190910 and CAP# 9088531. Performance characteristics for this laboratory-developed qPCR test (LDT) were established and determined to be accurate and precise with a limit of detection (LOD) for Pg & Aa at 10 genome copies/ml & for Td, Tf, & Fn at 100 genome copies/ml. Results should not be used as the sole basis for patient management decisions and must be combined with clinical observations and patient history. The U.S. Food and Drug Administration has not approved or cleared this test; FDA clearance or approval is not currently required for clinical use as the laboratory is registered and regulated by the Clinical Laboratory Improvement Amendments of 1988 (CLIA) 42 U.S.C. § 263a to perform high complexity testing. Lab Director: Christine Bulot, Ph.D. HCLD(ABB) NPI# 1962096289