# SIMPLY PERIO®

SIMPLY TEST®

800 Hudson Way, Huntsville, AL 35806
P: 844-443-6663 | F: 256-327-0981
Testing Performed By Alimetrix - CLIA #: 01D2113023
Medical Director: Dr. Richard V. Spera MD, FACP

simplytest.com |

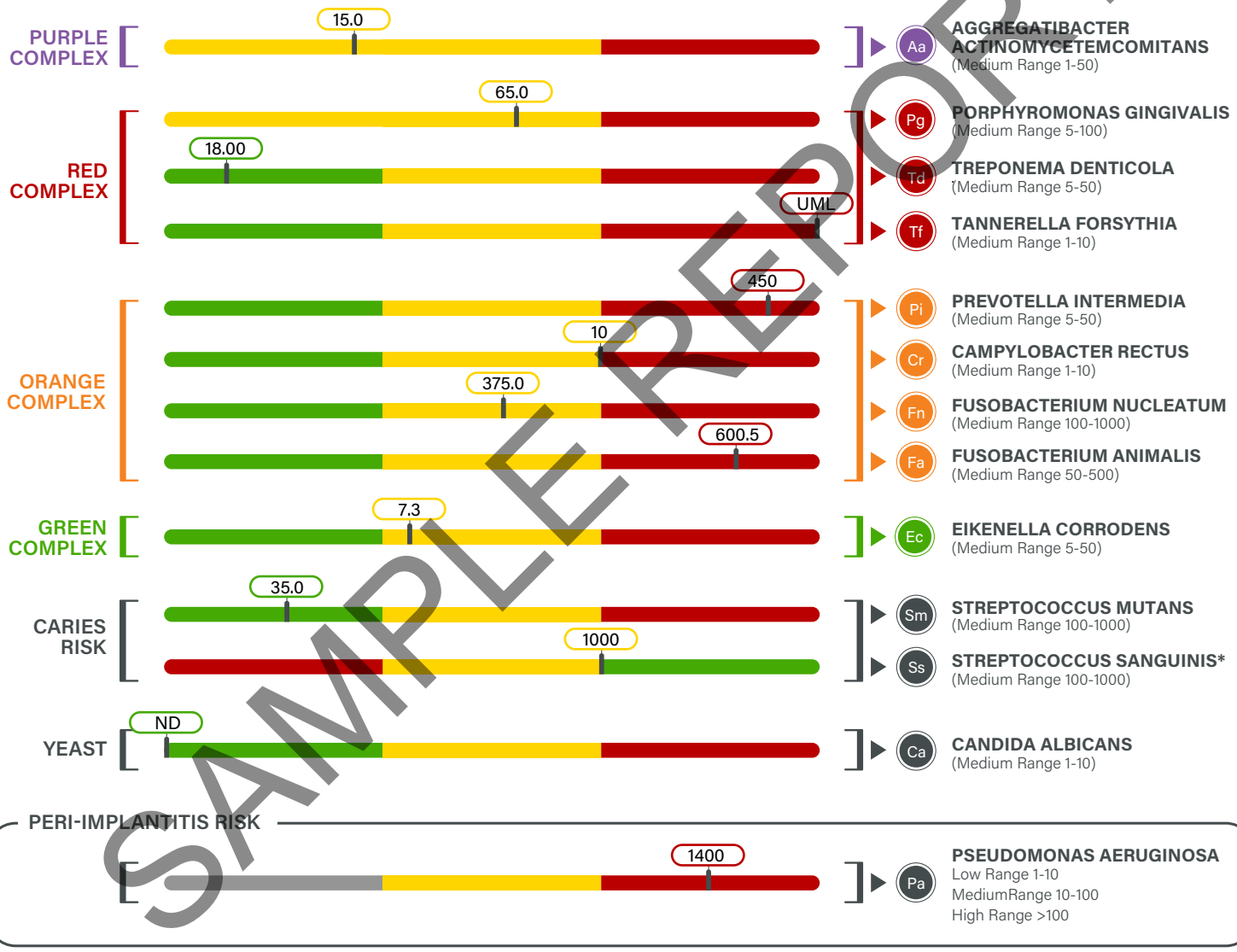
## FINAL REPORT

**PERIODONTAL**
**Sample Type:** Saliva
**Reported:** 03/20/2023 14:31

| PATIENT INFO | SAMPLE INFO | ORDERING PROVIDER |
|---|---|---|
| Jane Doe<br>DOB: 09/20/1980 (40 yrs)<br>Sex: Female | Specimen#: FR0000000000<br>Collected: 03/15/2024<br>Received: 03/20/2024 09:57 | Glenn Close, MD<br>NPI: 000000000<br>Phone: 800-555-5555 |

Low | Medium | High | NON-VIRAL TARGETS

All displayed values are in genomic copies x1000/mL except Fusobacterium nucleatum which is in genomic copies x10,000/mL.




### PERI-IMPLANTITIS RISK




**The presence of Streptococcus Sanguinis is associated with healthy plaque biofilm.*
Reference bar ranges have been normalized for clarity. ND = Not Detected UML = Upper Measuring Limit (>9999).

| POSITIVE | NEGATIVE | ATTENTION | VIRAL TARGETS |
|---|---|---|---|
| | ✓ | | HERPES SIMPLEX VIRUS 1 (HSV-1) |
| | ✓ | | HERPES SIMPLEX VIRUS 2 (HSV-2) |
| | ✓ | | CYTOMEGALOVIRUS |
| | ✓ | | EPSTEIN BARR VIRUS |

SAMPLE REPORT

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## COMMENTS + ACTIONABLE CLINICAL INSIGHTS

**[Lab supervisor/manager comment field]**

If the results indicate the presence of any high (Aa, Pg, Td, Tf) and/or medium (Cr, Fn, Pi) risk organisms, these organisms are strongly associated with chronic periodontitis, are transmissible and associated with tissue inflammation and invasion.

Bacteria associated with periodontal disease are predominantly gram-negative anaerobic bacteria and may include *A.actinomycetemcomitans, F. nucleatum, P. gingivalis, C. rectus, Treponema species.* These anaerobic organisms are often found together in polymicrobial biofilms and dental plaque.

Several of these organisms are known to be associated with systemic diseases such as cardiovascular disease, cancer, diabetes, liver disease and stroke. The American Heart Association as well as copious research suggests a causal relationship between periodontal disease and atherosclerosis.

Adherence to a home regimen as directed by healthcare provider and follow up testing is highly recommended to better treat and address residual bacteria. In addition to monitoring of bacterial burden, repeat testing can afford insight on efficacy of treatment.

SAMPLE REPORT

**REFERENCES**

Paul O, Arora P,MayerMand Chatterjee S (2021) Inflammation in Periodontal Disease: Possible Link to Vascular Disease. Front. Physiol. 11:609614.doi: 10.3389/fphys.2020.609614.

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Da Venezia, C.; Hussein, N.; Hernández, M.; Contreras, J.;Morales, A.; Valdés, M.; Rojas, F.;

Matamala, L.; Hernández-Ríos, P. Assessment of Cardiovascular Risk inWomen with Periodontal Diseases According to C-reactive Protein Levels. Biomolecules 2021, 11, 1238.

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**FOR PROVIDERS ONLY**

**Need help interpreting results?**

**Scan QR code below.**

SimplyPERIO® is a multiplex molecular test for the detection of caries, periodontal, and peri-implant disease associated germs in the mouth. This test was developed and its performance characteristics determined by Alimetrix Corporation. Alimetrix Corporation is a CAP accredited, Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, certified highcomplexity laboratory. CLIA recognizes and supports the use of laboratory developed tests for diagnosis and management of diseases in human subjects.