

# ALERT2™

## The Power of Two – Bacteria + Genetics

Alert 2™ combines

**MyPerioPath®** detects 11 harmful bacteria that cause gum disease and threaten oral and overall health

**MyPerioID® IL-6** identifies genetic risk for gum infections and inflammation

### Who Should Be Tested?

- Active gingivitis or periodontal disease (before/after treatment)
- Personal or family history of periodontal disease
- Implant planning or signs of implant issues
- Surgical clearance for medical procedures
- Medically high-risk (e.g., diabetes, cancer, pregnancy, cardiovascular disease)
- New patients

### Why Test?

- Early Detection
- Risk Assessment
  - Periodontal Disease
  - Systemic Inflammation
- Personalize Treatment
- Track Treatment Progress
  - Use MyPerioPath for follow-up testing since genetic testing is done only once in a lifetime
- Reinforces the Need for Recall

### 11 Pathogens Detected

#### High Risk

- Aa** – Aggregatibacter actinomycetemcomitans
- Pg** – Porphyromonas gingivalis
- Tf** – Tannerella forsythia
- Td** – Treponema denticola

#### Moderate Risk

- En** – Eubacterium nodatum
- Fn** – Fusobacterium nucleatum/periodonticum
- Pi** – Prevotella intermedia
- Cr** – Campylobacter rectus
- Pm** – Peptostreptococcus (Micromonas) micros

#### Low Risk

- Ec** – Eikenella corrodens
- Cr** – Capnocytophaga species (gingivalis, ochracea, sputigena)

### 1 Genotype Detected

#### Interleukin-6 (IL-6)

- G/G** – High Risk
- G/C** – Moderate Risk
- C/C** – Low Risk



## Free Patient Brochures Available

Perfect for patient education!

Learn More at [OralDNA.com](http://OralDNA.com)



Available in the state of New York



# ALERT2™ Sample Report

## Sample, Report

**Date of Birth:** 09/20/1980 (42 yrs)  
**Gender:** Male  
**Patient ID:** 920-M  
**Patient Location:** Test Site A

## Ordering Provider

Ronald McGlennen MD  
 7400 Flying Cloud Drive  
 Ste 150  
 Eden Prairie, MN 55344  
 855-672-5362

**Specimen#:** 5631001002  
**Accession#:** 202306-03434  
**Specimen:** Oral Rinse(P)

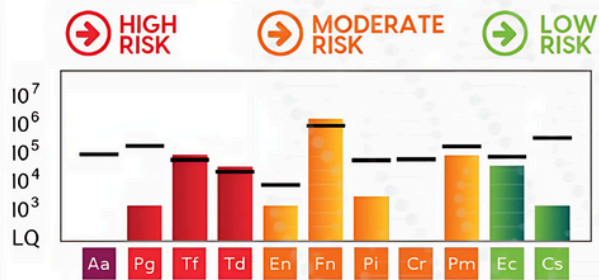
**Collected:** 06/28/2023  
**Received:** 06/29/2023 12:09  
**Reported:** 06/30/2023 14:56

## SUMMARY OF TEST RESULTS

### MyPerioPath®

- MyPerioPath® measures 11 types of bacteria known to cause periodontitis (gum disease). These bacteria are also associated with diabetes, increased risk of cardiovascular disease, adverse pregnancy outcomes, rheumatoid arthritis, dementia, and other systemic illnesses.
- 9 of the 11 bacteria types were detected in the submitted sample. 3 of these are above the Reference Line(s).
- The levels of Tf and Td are of particular concern. These aggressive bacterial types are associated with disease recurrence and possible systemic effects.

### Oral Bacteria Profile



### MyPeriodID® IL-6

Gene Marker	Risk Category
Interleukin 6	HIGH

- MyPeriodID® determines the nucleotide sequence at one region of the Interleukin 6 gene, a key marker of a person's immune system and inflammation response. This information assesses the risk of inflammation based on your genetics.
- Your test result shows a G/G genotype, which is categorized as high risk for periodontal inflammation.

## Report Includes:



Cover      Summary of Results      MyPerioPath Results & Interpretation      Suggested Therapies      Follow Up      Systemic Effects & Methodology      MyPeriodID IL-6 Results & Interpretation