



NUTRIPATH



 Microbiome Health

ORAL MICROBIOME MAPPING - Test Code 2200



Turnaround Time: 5-7 business days



Specimen Type:
Saliva & Swab Kit

Description

The oral microbiome is recognised as one of the most significant microbial ecosystems in the human body, with the potential to influence health in numerous ways (Sedghi et al., 2021). Dysbiosis refers to an imbalance in the oral microbiome and can lead to local issues such as dental caries, periodontitis, gingivitis, and oral cancers, as well as systemic conditions including neurodegeneration, diabetes, and cardiovascular disease (Sedghi et al., 2021). Systemic diseases may develop when pathogenic bacteria in the oral cavity translocate to the gut, particularly when there is a disruption in the oral-gut barrier (Sedghi et al., 2021). However, many adverse symptoms can be alleviated by re-establishing symbiosis within the oral microbiome through dietary and lifestyle modifications.

NutriPATH employs quantitative polymerase chain reaction (PCR) technology to accurately measure and quantify the microbiota present in the oral cavity. Assessing the oral microbiome offers several advantages for both oral health and overall well-being. The oral microbiome comprises a diverse array of microorganisms, including bacteria, fungi, viruses, and protozoa, that inhabit the mouth. Understanding its composition and balance is essential, as it can have significant implications for health and disease prevention (Sedghi et al., 2021).

Whats included?

- PCR analysis of the Oral Microbiome including pathogenic bacteria, opportunistic bacteria, fungi and normal oral flora. This test also measures the oral pH.

*Scan the QR code for the full list of analytes

Conditions and Symptoms

- Dental caries and cavities
- Dry mouth
- Tooth sensitivity
- Bad breath (halitosis)
- Plaque buildup
- Periodontitis
- Gingivitis or bleeding gums
- Oral ulcers or sores
- Oral thrush

Complementary Testing

- Diabetes Profile (Test code 1016)
- Complete Microbiome Mapping (Test code 2206)
- Inflammation Profile (Test code 1022)
- Cardiovascular Profile Comprehensive 2 (Test code 4027)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*