

ORAL ECOLOGIX™ REPORT

TEST REPORTED: 13/03/19 | TEST RECEIVED: 24/01/19

REPORT ID: XXXXXXXXXX

REPORT STATUS: COMPLETED

PATIENT NAME: First Name & Last Name

CLINICIAN NAME: First Name & Last Name

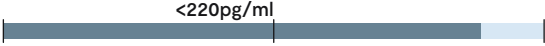
PATIENT DOB: 16/11/1986

ACCESSION NO: 23D5439F93


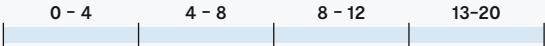

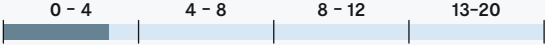




GENDER: FEMALE

SAMPLE TYPE: SALIVA






The reference ranges presented are relative to the DNA expression observed within the sample collected. The ranges are not based on clinical significance, all results should be interpreted in light of the individual's clinical presentation.

Host Immune Markers (ELISAS)	RESULTS:	RATING:
IL-1β RANGE: <300pg/ml	1000pg/ml 	▲ HIGH


▲ Health immune markers are quantified using enzyme-linked immunosorbent assay (ELISA) which is based on antigen-antibody reactions. Please refer to the Phylobioscience interpretive guide for more details on health markers.

Gram-Negative Bacteria	RESULTS:	RATING:
<i>Fusobacterium nucleatum</i>	16 	▲ HIGH
<i>Porphyromonas gingivalis</i>	ND 	NOT DETECTED
<i>Aggregatibacter actinomycetemcomitans</i>	12 	● MODERATE
<i>Treponema denticola</i>	3.3 	▼ VERY LOW
<i>Campylobacter rectus</i>	8.4 	● MODERATE
<i>Tannerella forsythia</i>	6.8 	▼ LOW
<i>Prevotella intermedia</i>	ND 	NOT DETECTED
<i>Prevotella nigrescens</i>	1.8 	▼ VERY LOW


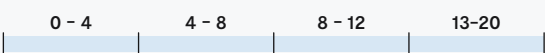

▲ Gram-negative bacteria: Gram-negative bacteria members of the healthy oral microbiota. Please refer to the Phylobioscience interpretive guide for information on associations with clinical conditions and disease. ND: Microorganism is not detected/below detection limit.

Gram-Positive Bacteria	RESULTS:	RATING:
<i>Lactobacillus</i> spp.	4 	▼ VERY LOW
<i>Streptococcus mutans</i>	1.1 	▼ VERY LOW
<i>Eubacterium nodatum</i>	ND 	NOT DETECTED
<i>Peptostreptococcus anaerobius</i>	12.2 	▲ HIGH
<i>Parvimonas micra</i>	5.6 	▼ LOW

▲ **Gram-positive bacteria:** Gram-positive bacteria members of the healthy oral microbiota. Please refer to the Phylobioscience interpretive guide for information on associations with clinical conditions and disease. ND: Microorganism is not detected/below detection limit.

Fungi	RESULTS:	RATING:
<i>Candida albicans</i>	ND 	NOT DETECTED

▲ **Fungi:** Commensal fungi live in symbiosis with host under normal conditions. Following dysbiosis or imbalance, overgrowth of fungi can occur causing pathogenesis (oral candidiasis). Please refer to the Phylobioscience interpretive guide for further information on commensal fungi. ND: Microorganism is not detected/below detection limit.

Viral Pathogens	RESULTS:	RATING:
HSV - 1	ND 	NOT DETECTED
HPV - 16_E6	ND 	NOT DETECTED
HPV - 16_E7	ND 	NOT DETECTED

▲ **Viral pathogens:** Viruses that infect the oral cavity and may induce pathogenesis and disease. Please refer to the Phylobioscience interpretive guide for more information on oral viruses. ND: Microorganism is not detected/below detection limit.

The Phylobioscience Oral EcologiX™ utilises quantitative real-time PCR (qRT-PCR) for analysis of oral microbiota. qRT-PCR results are reported as quantification of microbial gene of interest copies in a community sample relative to endogenous gene control (i.e. vaginal, gut). qRT-PCR reactions are performed using Taqman technology. The results show representative numbers proportional to normalised qRT-PCR value.

Test Information: The Oral EcologiX™ profile measures the composition of oral microbiota species and host immune markers using modern and culture-in-dependent technologies. Results of this test cannot be used for diagnosis of disease or health conditions. Detection or lack of detection of microorganism or immune marker in this test, does not imply diagnosis of disease or clinical condition. The Oral EcologiX™ test should not replace routine examinations with doctors and healthcare professionals.
