

A close-up photograph of a young man and woman smiling warmly. The man is in the foreground, and the woman is leaning over his shoulder. A large, semi-transparent DNA double helix is overlaid on the right side of the image. The text 'Sample Report' is written diagonally across the center in a large, black, sans-serif font.

Sample Report

GENETIC TESTING OF  
PREDISPOSITION TO  
PERIODONTAL DISEASE

## GENETIC TESTING OF PREDISPOSITION TO PERIODONTAL DISEASE

Analysis number:	xxxxxx
Patient:	xxxxx
Date of birth:	xxxxxx
Sex:	xxxxxx
Withdrawal date:	xxxxxx
Dental Practice:	xxxxxx

Locus Result	Interleukin 1 $\beta$ <b>POSITIVE</b>
Locus Result	Interleukin 1 $\beta$ -511 <b>HETEROZYGOUS POSITIVE</b>
Locus Result	Interleukin 1 $\alpha$ -889 <b>NEGATIVE</b>
Locus Result	Interleukin 1 RN <b>HETEROZYGOUS POSITIVE</b>

**Individual genetic risk of periodontitis****RISK 3**

Risk 3: Multiple DNA variations significantly associated with altered inflammatory response by overproduction of pro-inflammatory cytokines and poor control of inflammation intensity were detected at the loci under analysis. The individual genetic component indicates a HIGH probability of genetic susceptibility to periodontal pathology.

IL-RN: The marker for interleukin receptor antagonist activity, whose positivity in the literature is most frequently associated with implant loss, is positive, which is not a contraindication to treatment but a risk factor to be assessed.

*The scientific officer*