

Patient name (family name, first name): **DEMO DEMO**  
Gender: **M**  
Date of birth: **01.01.1900**  
Personal identification number/Passport number:  
Address:  
Phone number:

### Microbiology test report

Protocol number  
**645**

Sample collected/received: 13.02.2024. 11:09  
Result issued: 13.02.2024. 12:47

Specimen: Subgingival content on the endodontic tip

Test: PCR detection of periodontopathogenic bacteria  
(*A.actinomycetemcomitans*, *P.gingivalis*, *P.intermedia*, *T.forsythia*, *T.denticola*) – semiquantitative

Test	Result	Method	Kit
PCR detection of <i>Aggregatibacter actinomycetemcomitans</i>	<b>POSITIVE (+)</b>	RT-PCR	7500 Real-Time PCR System, Applied Biosystems/ RT-PCR method with Sybr-Green/melting curve analysis (validated according to micro-IDent®, Hain Lifescience GmbH, CE-IVD and PeriodontScreen Real-TM CE, Sacace Biotechnologies)
PCR detection of <i>Porphyromonas gingivalis</i>	<b>POSITIVE (++)</b>	RT-PCR	7500 Real-Time PCR System, Applied Biosystems/ RT-PCR method with Sybr-Green/melting curve analysis (validated according to micro-IDent®, Hain Lifescience GmbH, CE-IVD and PeriodontScreen Real-TM CE, Sacace Biotechnologies)
PCR detection of <i>Prevotella intermedia</i>	<b>POSITIVE</b>	RT-PCR	7500 Real-Time PCR System, Applied Biosystems/ RT-PCR method with Sybr-Green/melting curve analysis (validated according to micro-IDent®, Hain Lifescience GmbH, CE-IVD and PeriodontScreen Real-TM CE, Sacace Biotechnologies)
PCR detection of <i>Tannerella forsythia</i>	<b>POSITIVE (+)</b>	RT-PCR	7500 Real-Time PCR System, Applied Biosystems/ RT-PCR method with Sybr-Green/melting curve analysis (validated according to micro-IDent®, Hain Lifescience GmbH, CE-IVD and PeriodontScreen Real-TM CE, Sacace Biotechnologies)
PCR detection of <i>Treponema denticola</i>	<b>POSITIVE</b>	RT-PCR	7500 Real-Time PCR System, Applied Biosystems/ RT-PCR method with Sybr-Green/melting curve analysis (validated according to micro-IDent®, Hain Lifescience GmbH, CE-IVD and PeriodontScreen Real-TM CE, Sacace Biotechnologies)

The finding was issued electronically and is valid without a stamp and signature.

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#### Interpretation of the report:

Semiquantitative result	Probable pathogen concentration/ml of the suspended sample
+++	$>10^5$
++	$10^4-10^5$
+	$10^3-10^4$
-	$<10^3$

#### Indication for antibiotic therapy:

Periodontal pathogenic bacteria	Threshold of significance
Aggregatibacter actinomycetemcomitans	$10^4$ /ml
Porphyromonas gingivalis	$10^5$ /ml
Tannerella forsythia	$10^6$ /ml
Prevotella intermedia	$10^5$ /ml
Treponema denticola	$10^5$ /ml

Performed by:  
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