

# Surprised?



Successful periodontitis treatment  
is surprisingly simple!



Hain Lifescience supports you in maximizing the rate of therapeutic success by identification of the most important risk factors for the progression of periodontitis. These marker pathogen analyses with **micro-IDent®** or **micro-IDent® plus** and determination of the individual susceptibility to inflammation with **GenoType® IL-1** are valuable tools to validate the results of your initial clinical diagnosis. These state-of-the-art molecular biological assays allow individual and thus more effective periodontal treatment.

The test results support therapeutic decisions, including the selection of adjunctive antibiotics as well as optimum follow-up intervals or prophylactic measures. In addition, our diagnostics are essential tools in the risk assessment prior to costly and time-consuming restorations and in the documentation of therapeutic success. Find out what the most current diagnostics can do for your day-to-day practice. You will be surprised, how rapid, easy, and safe success can be achieved!

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• Sound Diagnosis • Reliable Therapy • Satisfied Patients

Test kits & information are free: contact us today!

# “Update” your practice for free!

Molecularbiological diagnostics: Success by detail-oriented performance



»DNA diagnostics allows me to know at any time what to do next. This helps to ensure successful treatment for my patients. Plus, I am more confident that I am treating each patient correctly.«

## What our customers say about the application of micro-IDent®, micro-IDent®plus and GenoType® IL-1:

“These new detection systems are simply ingenious. My clinical diagnoses are optimally supported by the test results. The information that I receive is easy to understand, very precise, and helps me to design treatment plans individualized for each patient.”

“Successful periodontal therapy is not always predictable without knowing the etiology. It is very important to know in every case if systemic antibiotics might be required. These DNA tests allow me to select the proper antibiotic based upon the specific pathogens present. Plus, I can identify individuals at risk for relapse before additional damage occurs.

By the way: success proves us right! Our patients are very impressed with the introduction of this new technology. As a result, our treatment acceptance has improved dramatically.

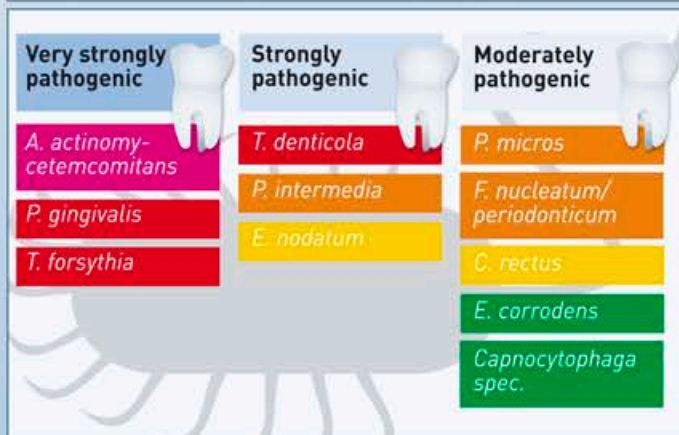
Many dentists are actually surprised how uncomplicated molecularbiological diagnostics works – it would be great if every practice „update“ was this easy.”

## Periodontitis:

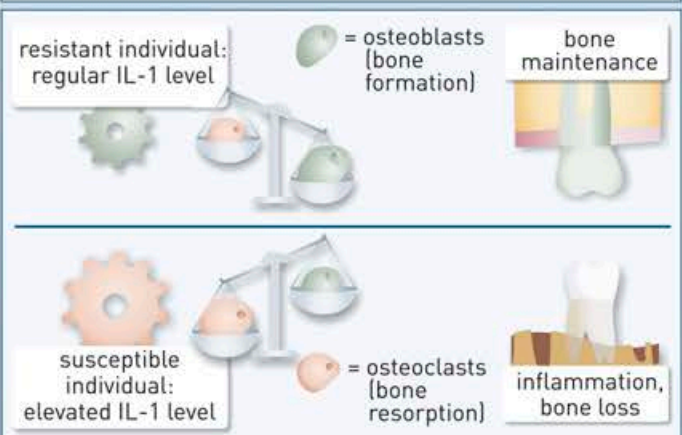
A multifactorial infectious disease – the most important risk factors can be determined rapidly and easily by molecularbiological testings

Periodontitis is an infectious disease; its major cause is a unique group of periodontopathogenic bacteria. Plus, mutations in the interleukin-1 gene component are known to create an abnormal immune response with the hyperactivation of osteoclasts and resulting in abnormal bone loss. The diagnostics from Hain Lifescience covers both of these areas: **micro-IDent®**, **micro-IDent®plus** and **GenoType® IL-1** will give you the tools for a well founded molecularbiological diagnostics from one source.

### Marker Pathogen Analysis with micro-IDent® and micro-IDent®plus



### Genetic Risk Assessment with GenoType® IL-1



# Rapid, easy and safe:

## Dental diagnostic testings from Hain Lifescience

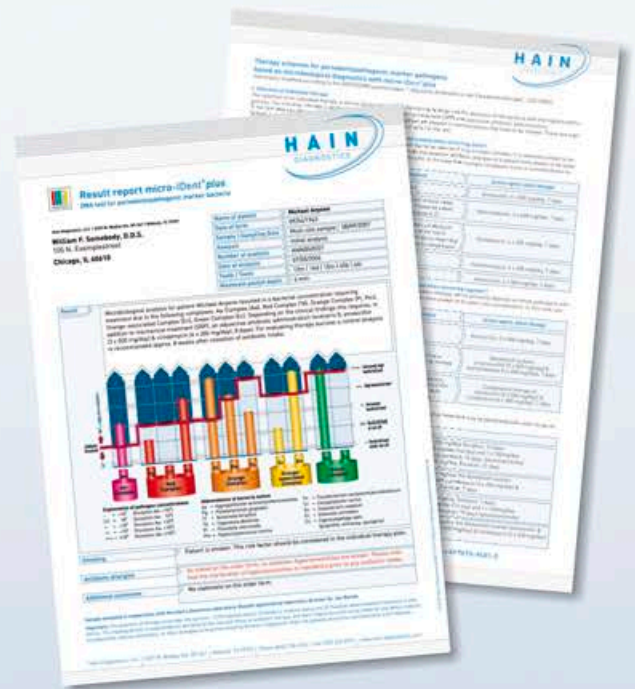
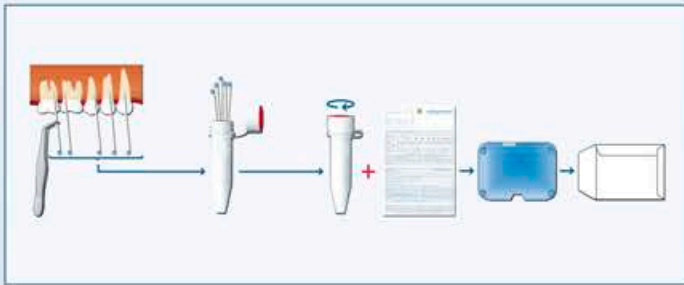
The application of our test procedures is incredibly easy! Order our free sampling sets for rapid and simple onsite sample collection in your practice. Complete the order form and specify the intended analysis, then send the sample to Hain Lifescience. Within a few days, you will receive a complete diagnostic report showing the types of pathogens present and in what numbers they are present.

### Marker pathogen analyses with **micro-IDent®** and **micro-IDent®plus**



Marker pathogen analyses with **micro-IDent®** and **micro-IDent®plus** supply data on quality and quantity of 5 and 11 periodonto-pathogenic species, respectively, and their affiliation to so-called "bacterial complexes". A pooled sample indicates the pathogen load independent from their localization. The test result represents the optimum basis for the design of individual

therapy which is normally a combination of mechanical forms of therapy and adjunctive systemic or local antibiotic administration. This allows you to significantly increase the success rate of the therapy while the relapse rate is dramatically reduced.



### Genetic Risk Assessment with **GenoType® IL-1**

Mutations in the genes for interleukin-1 and its natural antagonist, the interleukin-1 receptor antagonist, may lead to an overproduction of interleukin-1, an important mediator of inflammation of the immune system. Even if only few bacteria are present, an over activation of osteoclasts results in an increased degradation of periodontal soft and bone tissue.

Patients with increased interleukin-1 levels require particularly intensive treatment strategies. In such cases, the **GenoType® IL-1** test is



a valuable tool for the optimization of follow-up and prophylaxis intervals and for the risk determination prior to extensive implant restorations.

# At a glance: Marker Pathogen Analyses with micro-IDent® and micro-IDent® plus



## Advantages

- quantitative, highly specific and sensitive marker pathogen analysis for optimization of therapeutic decisions and follow-up intervals
- choice of appropriate antibiotics ensures high rate of therapeutic success
- monitoring of therapeutic success
- early diagnosis of relapse during recall
- risk assessment for implantation failure prior to extensive prosthetic rehabilitation
- sampling sets free of charge

## Indication

- when pocket depths > 4 mm with BOP (despite excellent oral hygiene)
- therapy-resistant, refractory adult periodontitis
- acute and progressive infections
- infections of osseointegrated implants

## Products

**micro-IDent®**  
for the detection of the 5 most important periodontopathogenic marker bacteria

**micro-IDent® plus**  
for the detection of 11 periodontopathogenic marker bacteria

Sound  
Diagnosis

Reliable  
Therapy

Satisfied  
Patients

# At a glance: Genetic Risk Assessment with GenoType® IL-1



## Advantages

- risk assessment prior to extensive prosthetic rehabilitation to secure from implantation failure
- optimization of prophylaxis and recall interval
- assessment of disease development in patients with increased susceptibility to inflammation enables long-term treatment success
- Motivation for nicotine cessation of risk patients

## Indication

- aggressive, therapy-resistant periodontitis for individual therapy planning
- established periodontitis and loss of attachment for progress assessment
- relatives of patients with mutations in the interleukin-1 gene cluster

Sound  
Diagnosis

Reliable  
Prognosis

### Fax reply: +49 (0) 74 73- 94 51- 31

Please surprise me with the benefits of microbiological and humangenetic dental diagnostics and send me:

- Dental Diagnostics Information Pack (micro-IDent®, micro-IDent® plus, GenoType® IL-1)
- Free sampling sets for micro-IDent®, micro-IDent® plus
- Free sampling sets for GenoType® IL-1

Name: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Practice  
stamp

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