

## What people say:

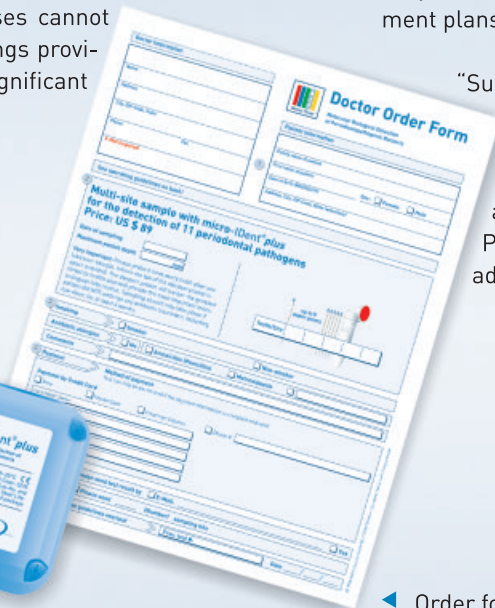
"micro-IDent<sup>®</sup>plus not only gives valuable and important micro-biological information, but also is a reasonable and profitable new product for my office. Overall, the economic impact of providing pathogen and genetic analyses cannot be over-emphasized, as these testings provide an unusual opportunity to add significant growth to any practice."

"These test systems are simply ingenious. My clinical diagnoses are optimally supported by the test results. The information 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. DNA testing allows 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."



Sampling set



Order form

## Marker pathogen analyses with micro-IDent<sup>®</sup>plus at a glance



### Benefits

- 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 therapeutical success
- Early diagnosis of relapse during recall
- Risk assessment for implant failure prior to extensive prosthetic rehabilitation
- Sampling sets free of charge

### Indication

- When pocket depth > 4mm with BOP (despite excellent oral hygiene)
- Therapy-resistant, refractory adult periodontitis
- Acute and progressive infections
- Infections of osseointegrated implants

### Price

micro-IDent<sup>®</sup>plus detection of 11 periodonto-pathogenic marker bacteria: US\$ 89

Sound  
Diagnosis

Reliable  
Therapy

Satisfied  
Patients

## Hain Diagnostics, LLC

7010 E. Acoma Drive, Suite 102 | Scottsdale, AZ 85254

Toll free number: (866) 756-4246

E-Mail: [info@hain-diagnostics.com](mailto:info@hain-diagnostics.com) | [www.hain-diagnostics.com](http://www.hain-diagnostics.com)



## Surprised?



Successful periodontitis treatment  
is surprisingly simple!



Periodontitis and peri-implantitis are infectious diseases; their major cause is a unique group of periodonto-pathogenic bacteria. These bacteria actively destroy endogenous tissue, cause inflammatory reactions and in the end, are responsible for the loss of teeth and implants. To ensure long-term success, the therapy requires a targeted elimination of these bacteria.

Marker pathogen analyses with micro-IDent<sup>®</sup>plus supply data on quality and quantity of 11 periodonto-pathogenic species and their affilia-

tion to so-called "bacterial complexes". The test result represents the optimal basis for the design of an individual therapy and enables you, if required, to choose the correct adjuvant antibiotics as well as setting relevant recall-intervals. The result report is an extremely effective tool to help your patients understand why they require more extensive treatment.

Find out what the most current diagnostics can do for your day-to-day practice. Not only will you experience more successful clinical results

(and healthier patients!), but your practice will also experience improved financial results as well. Conservative periodontal therapy is an excellent profit center for your practice. The end result will be healthier patients and healthier bottom-line results!

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!

**Hain Diagnostics, LLC**  
7010 E. Acoma Drive, Suite 102  
Scottsdale, AZ 85254

Phone: (480) 664 7855  
Fax: (480) 998 0553

[www.hain-diagnostics.com](http://www.hain-diagnostics.com)  
[info@hain-diagnostics.com](mailto:info@hain-diagnostics.com)

• Sound Diagnosis • Reliable Therapy • Satisfied Patients

Test kits & information are free: call our toll free number today: (866) 756-4246

# Periodontitis - Marker pathogen analyses ensure maximum therapy reliability

Infections with marker pathogens cause inflammation of the endogenous tissue and progressive loss of attachment. A targeted and successful perio-

**An important objective during therapy should be not to harm the beneficial oral flora. "As much as needed, as little as possible"**

dental treatment requires eradication, if not, substantial reduction of the bacterial load. The treatment precision that results from the **micro-IDent<sup>®plus</sup>** test will provide you with added peace of mind knowing you are addressing the specific concerns causing the periodontal infection.

Due to extreme individual variances in the composition of the sub-gingival plaque, a targeted therapy can only be achieved by analysing the individual bacterial load. Knowing the composition and the concentration of the bacterial load enables the creation of an individual therapy strategy with minimum use of antibiotics. Marker pathogen analyses with **micro-IDent<sup>®plus</sup>** enable choosing the most appropriate medication and help avoiding inefficient therapy or even treatment failures. Regular control analyses, checking the success of the therapy and identifying re-infections in an early stage, help keeping the clinical situation stable. This way, diagnostics based treatment increases the therapy success which automatically makes your patients more satisfied. The ability to check your clinical results with scientific accuracy is a major benefit of the **micro-IDent<sup>®plus</sup>** test.

## Marker pathogen analyses with micro-IDent<sup>®plus</sup>

Very strongly pathogenic	Strongly pathogenic	Moderately pathogenic
<i>A. actinomycetemcomitans</i>	<i>T. denticola</i>	<i>P. micros</i>
<i>P. gingivalis</i>	<i>P. intermedia</i>	<i>F. nucleatum/periodonticum</i>
<i>T. forsythia</i>	<i>E. nodatum</i>	<i>C. rectus</i>
		<i>E. corrodens</i>
		<i>Capnocytophaga spec.</i>

# Peri-implantitis - prevent through analysing marker pathogens

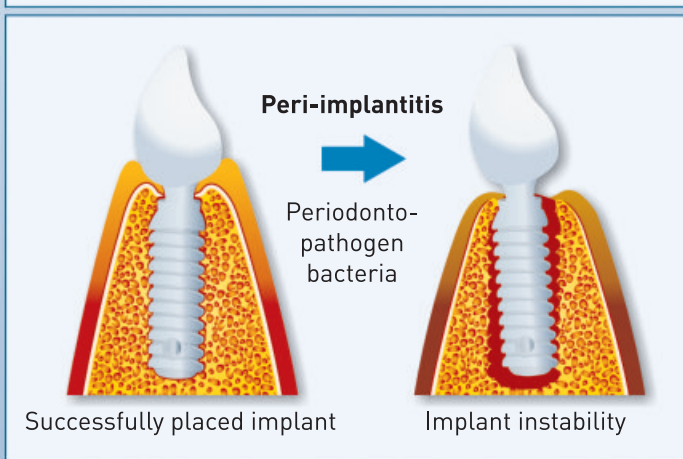
In the event of peri-implantitis, inflammation of the soft tissue leads to bone resorption. This causes an implant to become unstable and, in the end, even to fall out. The bacterial load is the same as the one that causes periodontitis. The bacteria that threaten the natural teeth also affect implants. Early diagnosis and testing for pathogenic bacteria is also very useful for dental offices placing dental implants. Elimination (or significant reduction) of the pathogenic bacteria can enable greater clinical success with dental implants. Marker pathogen analyses with **micro-IDent<sup>®plus</sup>** supports you in the eradication of the bacterial load by providing you the information needed to choose the appropriate therapy.

## Valid here too: „prevention is better than cure“

Placing an endosseous implant should only occur after successful elimination of bacteria. Marker pathogen analyses prior to implanting shows you if an already present bacterial load increases the risk on implant failure. Only a negative marker pathogen analyses indicates the absence of bacteria and thus gives

a green light to place an implant. A simple way to ensure optimal treatment reliability in yours and your patient's interest.

## Peri-implantitis - The risk of implant failure



# It's that simple Marker pathogen analyses with micro-IDent<sup>®plus</sup>

This is how it works: ask for our "free of charge" sampling sets. Sampling is very simply and painless and can be done in your dental office. Fill out the order form and return everything by using the enclosed pre-addressed envelope. A few days later you will receive the detailed result report via e-mail.

## From result report to individualized therapy

The result report and the different treatment options are connected. With the information from the report, you will have important microbiological information to be considered while creating individual treatment plans. The individual bacterial load is described in the result report and linked to a specific "scenario". Based on the pathogens present, their virulence and their concentration, a detailed therapeutic recommendation is suggested for every patient. It's that simple.

## Clear and straight forward: your result report

Your result report contains all relevant information to create an individual therapy plan.

On your result report the antibiotic threshold immediately indicates you if your patients bacterial load can be reduced to acceptable levels by mechanical therapy alone or if adjunctive antibiotic administration is necessary. The result summary in **scenarios** enables a swift allocation to the corresponding therapy recommendation. In addition, patient information regarding smoking or possible hypersensitivity to antibiotics can be taken into account while determining the therapy.

Result report

Therapy recommendation

## The right therapy: Your therapy recommendation

Your therapeutic decisions depend on whether the bacterial species detected belong to a single or to different complexes. In case of simultaneous occurrence or various complexes, the selection of appropriate therapy depends on those pathogens with the highest pathogenicity. The **scenarios**, indicated in the result summary, are listed in a clearly represented chart containing the corresponding active agents and dosages. It's that simple.