



PadoTest® €65.00

- ✓ Marker bacteria analysis
- ✓ Antibiotic decision based on the pathogenicity of individual bacteria
- ✓ Targeted medication without excessive therapy
- ✓ Determination of the Aa serotypes
- ✓ Fast analysis times

Price overview

PadoBiom®

Microbiome analysis 125.00

PadoSero & PadoTest®

	PadoSero	PadoTest®
1 tooth site	45.00	65.00
2 tooth sites	70.00	105.00
3 tooth sites	95.00	145.00
4 tooth sites	120.00	185.00
Multi-site test	45.00	65.00

PadoGen

Genetic analysis 80.00

Combination analysis

PadoTest® (incl. PadoSero) + PadoGen 130.00

Prices in EUR/CHF (status 03/2024); adjustments possible; prices incl. the respective statutory VAT

PadoTest®
PadoSero PadoGen
PadoBiom®



PadoBiom® €125.00

- ✓ Microbiome analysis
- ✓ Antibiotic decision based on dysbiosis and progression
- ✓ Compliance with S3 guidelines and WHO
- ✓ Detection of antibiotic resistance gene
- ✓ Determination of Aa serotypes
- ✓ Early diagnosis & SPT tool
- ✓ Patented procedure (PCT/EP2021/078480)

Sales

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The dental practice is invoiced on a monthly basis for the analyses. Each invoice contains individual documents for forwarding to the patient. These show a statement of costs according to the Schedule of Fees for Physicians (GOÄ, Germany) and can therefore be submitted to the health insurer (without any guarantee of reimbursement). Optionally, invoicing can also be carried out directly to the patient.

Web

www.iai-test.de

iai

Product and price overview

Order your sampling set now:

Free hotline

00800 32 32 62 62

E-mail

info@iai-test.de

iai test systems

For optimised prevention and therapy in periodontology

Validate antibiotic indication –
optimise aftercare!



PadoBiom®

Dysbiosis in the microbiome

PadoBiom® analyses and evaluates the periodontal microbiome and its equilibrium by means of next generation sequencing. In contrast to analysing individual pathogenic bacteria, this method enables a comprehensive and **early assessment** of developing periodontitis.

The dysbiosis index and the anticipated progression in the gingival sulcus form the basis for **identifying risk patients** and, together with the examination of **antibiotic resistance genes** and **Aa serotypes**, contribute to a qualified **antibiotic decision**.



PadoBiom® classifies patients into one of three practically-oriented categories for **prevention, therapeutic necessity with and without antibiotic support** and the **extent of aftercare**.

Compliance with S3 guidelines
thanks to progression

www.iai-test.de

PadoTest®

Marker bacteria and serotypes

The **PadoTest®** determines pathogenicity in the gingival sulcus based on the six most important indicator bacteria and the serotypes of *Aggregatibacter actinomycetemcomitans* by means of a molecular biological detection method.

- ✔ *Aggregatibacter actinomycetemcomitans* (Aa)
- ✔ *Filifactor alocis* (Fa)
- ✔ *Porphyromonas gingivalis* (Pg)
- ✔ *Prevotella intermedia* (Pi)
- ✔ *Tannerella forsythia* (Tf)
- ✔ *Treponema denticola* (Td)
- ✔ Serotypes a, b (incl. JP2 or WT), c, d, e and f

PadoTest® supports the decision of whether **antibiotics** can be **avoided** due to low marker bacteria pathogenicity or **reduced** due to the included serotype analysis.

Pathogenicity as a therapeutic factor

iai test systems are not only used to **avoid antibiotics** in **customized therapy** and **aftercare**, but also to **assess the success of therapy** in order to **detect a flare-up of periodontitis** and **prevent tooth loss** in the long term.



- ✔ Overview of all orders online (📄 www.iai-test.de)
- ✔ Results and invoices retrievable at any time online
- ✔ Monthly invoice with discount system (opt. invoice to patient)
- ✔ Sampling set with postage free outward and return shipping
- ✔ Free hotline (☎ 00800 32 32 62 62)



PadoSero

Aa with serotypes

PadoSero enables the determination of *Aggregatibacter actinomycetemcomitans* (Aa) and its serotypes. Serotypes are variants within the Aa species that present significantly different virulences (serotypes a, b (incl. JP2 or WT), c, d, e and f).

PadoSero supports purely clinical antibiotic decisions by enabling amoxicillin and therefore unnecessarily extensive stress to be forgone.



Background:

Aa reacts to amoxicillin.

Its serotype a is highly prevalent (25%), but only has a low virulence and therefore does not necessitate the administration of antibiotics.

Clinical priority

PadoGen

Genetic susceptibility to inflammation

The main cause of periodontitis is a microbiological imbalance in the bacterial flora of the gingival sulcus and the immune system's response to this. The response to this imbalance is also genetically related.

If there are changes in the genes of messenger substances that control the inflammatory response (cytokines), affected patients react with an excessive immune response. This consequently leads to increased inflammatory responses and more pronounced bone loss.

The more genes that are simultaneously affected by changes, the more extensive the immune system's response and therefore the effect on the periodontal apparatus.

PadoGen checks whether there are any changes in the genes of cytokines IL-1 α / β , TNF- α and IL-1-RN.

The degree of the genetically-related susceptibility to inflammation arises depending on the number and combination of the existing polymorphisms.

Genetics as a therapeutic factor

Rev.5_V2024-03

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