

## INFECTIOLOGY and INFECTION PROFILES

Order for private medical implementation and billing of laboratory services - patient contract

I entrust the DEDIMED EUROPARC laboratory to carry out the laboratory test indicated below by marking and/or otherwise. The laboratory tests are calculated according to the fee schedule for doctors (GOÄ, FKT.1.15). Material and handling costs are charged at EUR 10.20 per order. I have been informed about the costs of the laboratory order. The laboratory order is not tied to reimbursement by health insurance companies. The costs are due with the transmission of findings and invoicing. I have received a copy of the patient contract. The report is usually sent by post. If you wish, we can send you the results by email or fax. If you provide a fax number or an e-mail address, you agree to this transfer way, too. You agree that the e-mail report transfer can be in unencrypted PDF format. Data protection (EU-DSGVO): I agree to the storage and processing of my personal data, insofar as these are necessary for the complete processing of the laboratory order and taking into account the General Data Protection Regulation (EU-DSGVO).

### PATIENT DATA

*PLEASE FILL IN BLOCK LETTERS*

name	first name <span style="float: right;">(m) (f) (d)</span>	date of birth
street / house no.		country
postcode	city	fax
e-mail		telephone

### BILLING DETAILS

*IF DIFFERENT FROM ABOVE / LEGAL REPRESENTATIVE*

name	first name <span style="float: right;">(m) (f) (d)</span>	<input type="radio"/> mother <input type="radio"/> father <input type="radio"/> legal representative
street / house no.		country
postcode	city	fax
e-mail		telephone
Invoice via : <input type="radio"/> post <input type="radio"/> e-mail <input type="radio"/> fax		

### FINDINGS DATA

<input type="radio"/> patient submission	<input type="radio"/> practice submission	Date of material withdrawal:
Findings to patient via:	<input type="radio"/> post <input type="radio"/> e-mail <input type="radio"/> fax	Further information:
Findings to the attending physician via:	<input type="radio"/> post <input type="radio"/> e-mail <input type="radio"/> fax	

With my signature, I issue the order and consent to data storage and processing.

..... / .....

date / Signature patient (legal representative if applicable)

### SUBMITTING PRACTICE

practice name	practice stamp
street / house no.	
postcode      city	

## PAGE DIRECTORY

### Hints:

Our serological parameters can be requested either individually or in groups.

**IMPORTANT:**

The INFECTION PROFILES from page 5 on serve as an aid for patients to make it easier for them to select meaningful parameters, summarized by location and severity of the symptoms.

### PAGE 1 - contract data

Patient data  
Billing details  
Findings data  
Sending practice

### PAGE 2 - page directory

### PAGE 3 - Borrelia

Serological parameters to clarify an infection with Borrelia

Tickplex® BASIC  
TICKSAVE-Co & TICKSAVE-Pro  
AK6 ImmunoBlot  
AK12 ImmunFluorescenceAssay  
HLA DR 1  
Borrelia Elispot

### PAGE 4 - infectiology

General serological parameters and Lyme disease co-infections

Bacteria  
Viruses  
Parasites

### PAGE 5-9 - infection profiles and screenings

Summary of various pathogens by location and severity of symptoms.

Lyme disease test combinations  
Profile and Screening - Chronic Fatigue  
Profile and Screening - Neurological & Psychological  
Profile and Screening - Respiratory complaints & pain in the chest basket  
Profile and Screening - Gastrointestinal complaints  
Profile and Screening - Bladder complaints

# BORRELIA

## TICKPLEX® and TICKSAVE

<input type="radio"/>	<b>TickPlex® BASIC EIA</b>	93,84 €
	B. burgdorferi, B. afzelii, B. garinii IgG- and IgM-Ab B. burgdorferi, B. afzelii, B. garinii „round bodies“ IgG- and IgM-Ab	
<input type="radio"/>	<b>TICKSAVE-Co</b>	612,72 €
	Lyme Disease co-infections <input type="radio"/> <b>SCREENING*</b>	308,37 €
	Anaplasma phagocytophilum IgG- and IgM-Ab IFT Ehrlichia chaffeensis IgG- and IgM-Ab IFT Babesia divergens IgG- and IgM-Ab IFT Babesia microti IgG- and IgM-Ab IFT Bartonella henselae IgG- and IgM-Ab IFT Rickettsia conorii IgG- and IgM-Ab CLIA Coxsackie-Virus IgG- and IgM-Ab EIA Epstein-Barr-Virus VCA-IgG- and VCA-IgM-Ab CLIA Human Parvovirus IgG- and IgM-Ab CLIA Mycoplasma pneumoniae IgG- and IgM-Ab CLIA Toxoplasma gondii IgG- and IgM-Ab IFT	

↑ CHECK GROUP REQUEST ONLY OR SCREENING

\*You will find information on **SCREENING** tests on page 5 below and detailed descriptions of the content on the following information pages. Alternatively, you can select all parameters individually on page 4 "Infectiology".

<input type="radio"/>	<b>TICKSAVE-PRO Lyme Disease test</b>	723,93 €
	<b>TickPlex® BASIC EIA</b>	93,84 €
	B. burgdorferi, B. afzelii, B. garinii IgG- and IgM-Ab B. burgdorferi, B. afzelii, B. garinii „round bodies“ IgG- and IgM-Ab	
	<b>TICKSAVE-Co SCREENING</b>	308,37 €
	Anaplasma phagocytophilum IgG-Ab IFT Ehrlichia chaffeensis IgG-Ab IFT Babesia divergens IgG-Ab IFT Babesia microti IgG-Ab IFT Bartonella henselae IgG-Ab IFT Rickettsia conorii IgG-Ab CLIA Coxsackie-Virus IgM-Ab EIA Epstein-Barr-Virus VCA-IgM-Ab CLIA Humanes Parvovirus IgM-Ab CLIA Mycoplasma pneumoniae IgG-Ab CLIA Toxoplasma gondii IgG-Ab IFT	
	<b>+ AK6 ImmunoBlot</b>	321,72 €
	<input checked="" type="checkbox"/> Borr. afzelii IgG-Ab IB	53,62 €
	<input checked="" type="checkbox"/> Borr. afzelii IgM-Ab IB	53,62 €
	<input checked="" type="checkbox"/> Borr. burgdorferi ss IgG-Ab IB	53,62 €
	<input checked="" type="checkbox"/> Borr. burgdorferi ss IgM-Ab IB	53,62 €
	<input checked="" type="checkbox"/> Borr. garinii IgG-Ab IB	53,62 €
	<input checked="" type="checkbox"/> Borr. garinii IgM-Ab IB	53,62 €

↑ TOTAL ORDER

**Note:** In the "Infection Profiles" section starting on page 5 you will find various budget-oriented Lyme disease test combinations. These combinations and their reasonable requirements are then explained. Having trouble choosing a test? Feel free to call us on the phone number below or send us an email. Our medical staff will be happy to help you.

## IMMUNOBLOT - IMMUNFLUORESCENCEASSAY - ELISPOT

<input type="radio"/>	<b>AK-18 Lyme Disease test</b>	732,00 €
	<b>AK-6 ImmunoBlot</b>	321,72 €
	<input type="checkbox"/> Borr. afzelii IgG-Ab IB	53,62 €
	<input type="checkbox"/> Borr. afzelii IgM-Ab IB	53,62 €
	<input type="checkbox"/> Borr. burgdorferi ss IgG-Ab IB	53,62 €
	<input type="checkbox"/> Borr. burgdorferi ss IgM-Ab IB	53,62 €
	<input type="checkbox"/> Borr. garinii IgG-Ab IB	53,62 €
	<input type="checkbox"/> Borr. garinii IgM-Ab IB	53,62 €
	<b>AK-12 ImmunFluorescenceAssay</b>	410,28 €
	<input type="checkbox"/> Borr. afzelii IgG-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. afzelii IgM-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. burgdorferi ss (USA) IgG-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. burgdorferi ss (USA) IgM-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. burgdorferi ss (CH) IgG-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. burgdorferi ss (CH) IgM-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. garinii IgG-Ab IFA	34,19 €
	<input type="checkbox"/> Borr. garinii IgM-Ab IFA	34,19 €
	<input type="checkbox"/> OspC IgG-Ab IFA	34,19 €
	<input type="checkbox"/> OspC IgM-Ab IFA	34,19 €
	<input type="checkbox"/> VlsE IgG-Ab IFA	34,19 €
	<input type="checkbox"/> VlsE IgM-Ab IFA	34,19 €

↑ SINGLE ORDER  
↑ GROUP ORDER  
↑ TOTAL ORDER

<input type="radio"/>	<b>HLA DR 1*</b>	180,98 €
	(Recommendation for patients with a lack of Ab formation against Borrelia)	
<input type="radio"/>	<b>Borrelia Elispot*</b>	142,00 €
	(Recommendation for patients with a lack of Ab formation against Borrelia)	

\*External service

**Note:** special blood collection tubes (CPDA) are used to perform these analyses. Since these tests are time-sensitive, they are not included in our blood collection kits. If you are interested in doing this, just give us a call.

<input type="radio"/>	<b>blood collection**</b>	4,20 €
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\*\*Only due if the blood collection takes place in our practice.

### SAMPLE MATERIAL:

- 1 x 8-10 ml whole blood or approx. 4 ml serum
- 1 x 2-3 ml EDTA
- 3 x 8 ml CPDA

### LABORATORY PROCEDURE:

- ImmunFluorescenceAssay
- ImmunoBlot
- EIA
- IHA
- Elispot
- CLIA

# INFECTIOLOGY

## BACTERIA




○	<input type="checkbox"/>	<input type="checkbox"/>	Bartonella henselae IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Bartonella henselae IgM-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Bartonella quintana IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Bartonella quintana IgM-Ab IFA	34,19 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Anaplasma phagocytophilum IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Anaplasma phagocytophilum IgM-Ab IFA	34,19 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Ehrlichia chaffeensis IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Ehrlichia chaffeensis IgM-Ab IFA	34,19 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia trachomatis IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia trachomatis IgA-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia trachomatis IgM-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia pneumoniae IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia pneumoniae IgA-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia pneumoniae IgM-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia psittaci IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia psittaci IgA-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Chlamydia psittaci IgM-Ab IFA	34,19 €	
	○	<input type="checkbox"/>	<input type="checkbox"/>	Mycoplasma pneu. IgG-Ab IFA	34,19 €
		<input type="checkbox"/>	<input type="checkbox"/>	Mycoplasma pneu. IgA-Ab IFA	34,19 €
		<input type="checkbox"/>	<input type="checkbox"/>	Mycoplasma pneu. IgM-Ab IFA	34,19 €
<input type="checkbox"/>		<input type="checkbox"/>	Mycoplasma hominis IgG-Ab IFA	34,19 €	
<input type="checkbox"/>		<input type="checkbox"/>	Mycoplasma hominis IgA-Ab IFA	34,19 €	
<input type="checkbox"/>		<input type="checkbox"/>	Mycoplasma hominis IgM-Ab IFA	34,19 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Ureaplasma urealyticum IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Ureaplasma urealyticum IgA-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Ureaplasma urealyticum IgM-Ab IFA	34,19 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Helicobacter pylori IgG-Ab IB	53,62 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Helicobacter pylori IgA-Ab IB	53,62 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Campylobacter jejuni IgG-Ab EIA	23,46 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Campylobacter jejuni IgA-Ab EIA	23,46 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Yersinia enterocolitica IgG-Ab IB	53,62 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Yersinia enterocolitica IgA-Ab IB	53,62 €	
○	<input type="checkbox"/>	<input type="checkbox"/>	Rickettsia conorii IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Rickettsia conorii IgM-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Rickettsia typhi IgG-Ab IFA	34,19 €	
	<input type="checkbox"/>	<input type="checkbox"/>	Rickettsia typhi IgM-Ab IFA	34,19 €	









○ blood collection\*\* 4,20 €

\*\*Only due if the blood collection takes place in our practice.

### SAMPLE MATERIAL:

-  1 x 8-10 ml whole blood or approx. 4 ml serum
-  1 x 2-3 ml EDTA
-  3 x 8 ml CPDA

### LAB PROCEDURE:

-  ImmunFluorescence Assay
-  ImmunoBlot
-  EIA
-  IHA
-  Elispot
-  CLIA

## VIRUSES

○	<input type="checkbox"/>	<input type="checkbox"/>	Corona SARS-CoV-2 IgG EIA <i>Finding result in BAU/ml</i>	30,00 €
	<input type="checkbox"/>	<input type="checkbox"/>	Borna-Virus AG EIA	16,76 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Borna-Virus CIC EIA	73,73 €
	<input type="checkbox"/>	<input type="checkbox"/>	Coxsackie- und ECHO-Viren IgG-Ab EIA	23,46 €
	<input type="checkbox"/>	<input type="checkbox"/>	Coxsackie- und ECHO-Viren IgA-Ab EIA	23,46 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Coxsackie- und ECHO-Viren IgM-Ab EIA	23,46 €
	<input type="checkbox"/>	<input type="checkbox"/>	Cytomegalievirus IgG-Ab avidity CLIA <sup>1</sup>	32,18 €
	<input type="checkbox"/>	<input type="checkbox"/>	Cytomegalievirus IgG-Ab CLIA	16,09 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Cytomegalievirus IgM-Ab CLIA	20,11 €
	<input type="checkbox"/>	<input type="checkbox"/>	Dengue-Virus IgG CLIA	16,09 €
	<input type="checkbox"/>	<input type="checkbox"/>	Dengue-Virus IgM CLIA	20,11 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Epstein-Barr-Virus VCA IgG-Ab CLIA	20,11 €
	<input type="checkbox"/>	<input type="checkbox"/>	Epstein-Barr-Virus VCA IgM-Ab CLIA	20,11 €
	<input type="checkbox"/>	<input type="checkbox"/>	Epstein-Barr-Virus EBNA-1 IgG-Ab CLIA	20,11 €
	<input type="checkbox"/>	<input type="checkbox"/>	Epstein-Barr-Virus EA IgG-Ab CLIA	20,11 €
○	<input type="checkbox"/>	<input type="checkbox"/>	FSME IgG-Ab CLIA	16,09 €
	<input type="checkbox"/>	<input type="checkbox"/>	FSME IgM-Ab CLIA	20,11 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Herpes simplex-Virus 1+2 IgG-Ab CLIA	16,09 €
	<input type="checkbox"/>	<input type="checkbox"/>	Herpes simplex-Virus 1+2 IgM-Ab CLIA	20,11 €
	<input type="checkbox"/>	<input type="checkbox"/>	Humanes Herpesvirus 6 (HHV-6) IgG-Ab CLIA	20,11 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Human Parvovirus IgG-Ab CLIA	16,09 €
	<input type="checkbox"/>	<input type="checkbox"/>	Human Parvovirus IgM-Ab CLIA	20,11 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Varizella-Zoster-Virus IgG-Ab CLIA	16,09 €
	<input type="checkbox"/>	<input type="checkbox"/>	Varizella-Zoster-Virus IgM-Ab CLIA	20,11 €



<sup>1</sup>This diagnostic is billed twice because a double determination is necessary to check the binding intensity before / after adding an avidity reagent.

## PARASITES

○	<input type="checkbox"/>	<input type="checkbox"/>	Babesia divergens IgG-Ab IFA	34,19 €
	<input type="checkbox"/>	<input type="checkbox"/>	Babesia divergens IgM-Ab IFA	34,19 €
	<input type="checkbox"/>	<input type="checkbox"/>	Babesia microti IgG-Ab IFA	34,19 €
	<input type="checkbox"/>	<input type="checkbox"/>	Babesia microti IgM-Ab IFA	34,19 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Toxoplasma gondii IgG-Ab IFA	34,19 €
	<input type="checkbox"/>	<input type="checkbox"/>	Toxoplasma gondii IgA-Ab EIA	23,46 €
	<input type="checkbox"/>	<input type="checkbox"/>	Toxoplasma gondii IgM-Ab IFA	34,19 €
○	<input type="checkbox"/>	<input type="checkbox"/>	Echinococcus granulosus IHA*+EIA*	63,01 €
	<input type="checkbox"/>	<input type="checkbox"/>	Echinococcus multilocularis IgG-Ab EIA*	



### FURTHER ANALYTICS:

## BORRELIA test combinations + INFECTION PROFILES

I HEREBY ORDER THE FOLLOWING PROFILES:

PLEASE **MARK** PROFILES HERE / FIND **INFORMATION** BELOW

### BORRELIA - test combinations

<input type="radio"/>	TICKPLEX® BASIC - <i>Lyme Disease Test</i>	<b>93,84 €</b>
<input type="radio"/>	AK6 ImmunoBlot - <i>Lyme Disease Test</i>	<b>321,72 €</b>
<input type="radio"/>	TICKSAVE-Co <b>SCREENING</b> - <i>Co-Infections</i>	<b>308,37 €</b>
<input type="radio"/>	TICKSAVE-Co - <i>Co-Infections</i>	<b>612,72 €</b>
<input type="radio"/>	TICKSAVE-PRO - <i>Lyme Disease &amp; Co-Infections</i>	<b>723,93 €</b>

### INFECTION PROFILES (descriptions below)

<input type="radio"/>	CHRONIC FATIGUE	<b>626,70 €</b>
<input type="radio"/>	<b>SCREENING</b> - CHRONIC FATIGUE	471,18 €
<input type="radio"/>	NEUROLOGICAL & PSYCHOLOGICAL	<b>455,85 €</b>
<input type="radio"/>	<b>SCREENING</b> - NEUROLOGICAL & PSYCHOLOGICAL	244,68 €
<input type="radio"/>	RESPIRATORY COMPLAINTS & PAIN IN THE CHEST BASKET	<b>307,71 €</b>
<input type="radio"/>	<b>SCREENING</b> - RESPIRATORY COMPLAINTS & PAIN IN THE CHEST BASKET	102,57 €
<input type="radio"/>	GASTROINTESTINAL COMPLAINTS	<b>261,40 €</b>
<input type="radio"/>	<b>SCREENING</b> - GASTROINTESTINAL COMPLAINTS	130,70 €
<input type="radio"/>	BLADDER COMPLAINTS	<b>307,71 €</b>
<input type="radio"/>	<b>SCREENING</b> - BLADDER COMPLAINTS	102,57 €

#### IMPORTANT INFORMATION ABOUT THE **Screenings**

Please note that **SCREENING** tests have fewer parameters for the individual pathogens. When describing the profiles, the parameters marked with "Screen." are included in the respective screening. If the result is negative, further tests are recommended when the suspicion of an infection persists. Even borderline and positive results should/can be further clarified by further tests. It is not necessary to send in blood or serum again, as all samples received will be preserved for 6 months. We are of course available to advise you by telephone or e-mail.

## BORRELIA - test combinations

TICKPLEX® BASIC - Lyme Disease Test		93,84 €
		EUR
Borrelia burgdorferi, Borrelia afzelii & Borrelia garinii IgG-Ab EIA		23,46 €
Borrelia burgdorferi, Borrelia afzelii & Borrelia garinii IgM-Ab EIA		23,46 €
B. burgdorferi, B. afzelii & B. garinii „round bodies“ IgG-Ab EIA		23,46 €
B. burgdorferi, B. afzelii & B. garinii „round bodies“ IgM-Ab EIA		23,46 €

Compared to the standard ELISA methods, the **TICKPLEX® BASIC** Lyme Disease test has a new antigen for the persister forms of Borrelia, the so-called "round bodies" (RBs). More information about this test can be found at [www.europarclabor.com/tickplex-info](http://www.europarclabor.com/tickplex-info).

AK6 ImmunoBlot - Lyme Disease Test		321,72 €
		EUR
Borrelia afzelii IgG-Ab IB		53,62 €
Borrelia afzelii IgM-Ab IB		53,62 €
Borrelia burgdorferi (ss) IgG-Ab IB		53,62 €
Borrelia burgdorferi (ss) IgM-Ab IB		53,62 €
Borrelia garinii IgG-Ab IB		53,62 €
Borrelia garinii IgM-Ab IB		53,62 €

The **AK6 ImmunoBlot** Lyme Disease test consists of 6 different western blot strips with a total of 52 antigens. The test differentiates between the pathogenic species *B. afzelii*, *B. burgdorferi* (ss) and *B. garinii*. Also included are special markers that help assess the stage of infection. We recommend the test to all patients who have probably been infected with Borrelia for a long time. A combination is ideal nation with the **TICKPLEX® BASIC**.

TICKSAVE-Co - Lyme Disease co-infections		612,72 €
		SCREENING 308,37 €
		EUR
Anaplasma phagocytophilum IgG-Ab IFA ( <i>Screen.</i> )		34,19 €
Anaplasma phagocytophilum IgM-Ab IFA		34,19 €
Ehrlichia chaffeensis IgG-Ab IFA ( <i>Screen.</i> )		34,19 €
Ehrlichia chaffeensis IgM-Ab IFA		34,19 €
Babesia divergens IgG-Ab IFA ( <i>Screen.</i> )		34,19 €
Babesia divergens IgM-Ab IFA		34,19 €
Babesia microti IgG-Ab IFA ( <i>Screen.</i> )		34,19 €
Babesia microti IgM-Ab IFA		34,19 €
Bartonella henselae IgG-Ab IFA ( <i>Screen.</i> )		34,19 €
Bartonella henselae IgM-Ab IFA		34,19 €
Rickettsia conorii IgG-Ab CLIA ( <i>Screen.</i> )		19,44 €
Rickettsia conorii IgM-Ab CLIA		19,44 €
Coxsackie-Virus IgG-Ab EIA		16,09 €
Coxsackie-Virus IgM-Ab EIA ( <i>Screen.</i> )		20,11 €
Epstein-Barr-Virus VCA-IgG-Ab CLIA		20,11 €
Epstein-Barr-Virus VCA-IgM-Ab CLIA ( <i>Screen.</i> )		20,11 €
Humanes Parvovirus IgG-Ab CLIA		20,11 €
Humanes Parvovirus IgM-Ab CLIA ( <i>Screen.</i> )		20,11 €
Mycoplasma pneumoniae IgG-Ab CLIA ( <i>Screen.</i> )		23,46 €
Mycoplasma pneumoniae IgM-Ab CLIA		23,46 €
Toxoplasma gondii IgG-Ab IFA ( <i>Screen.</i> )		34,19 €
Toxoplasma gondii IgM-Ab IFA		34,19 €

The **TICKSAVE-Co** expands the **TICKPLEX® BASIC** with further tick-borne or symptom-related bacterial, parasitic and viral pathogens. Since ticks can also transmit other pathogens in addition to Borrelia or other chronic infections can cause Lyme disease-like symptoms, the **TICKSAVE-Co** can provide crucial information for a causal therapy.

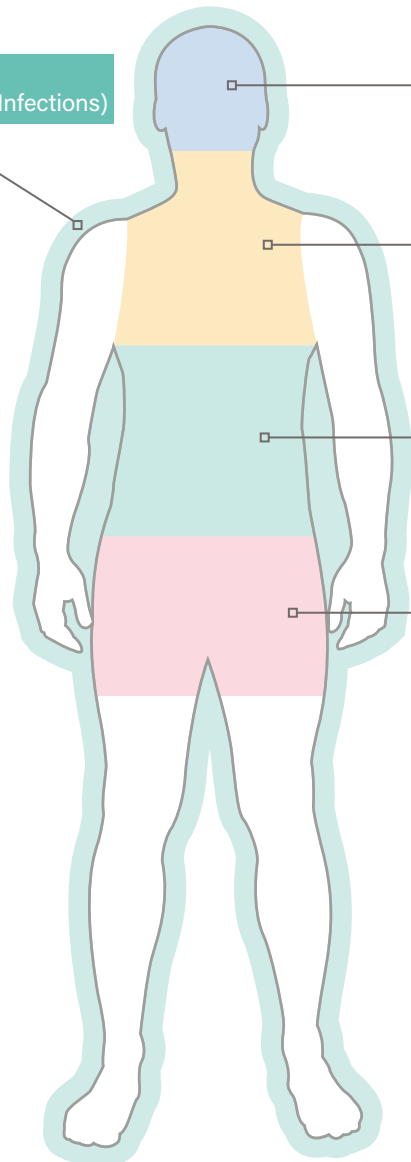
**SCREENING:** In order to enable a budget-friendly approach, we offer a screening, which in a first step looks for serological indications of co-infections of Lyme disease. This test is a non-specific search for co-pathogens, which can also be individually adapted to the patient's situation (symptoms, stage of infection).

If necessary, please contact us for a **telephone consultation**.

TICKSAVE-PRO		723,93 €
		EUR
TICKPLEX® BASIC	Lyme Disease	93,84 €
AK6 ImmunoBlot		321,72 €
TICKSAVE-Co <b>SCREENING</b>	Co-Infections	308,37 €

We recommend the **TICKSAVE-PRO** for Lyme disease diagnostics with a maximized hit rate when searching for antibodies including markers for chronic courses and co-infections.

**TICKSAVE-PRO**  
(Lyme Disease & Co-Infections)



**NEUROLOGICAL & PSYCHOLOGICAL SYMPTOMS**

**RESPIRATORY COMPLAINTS & PAIN IN THE CHEST BASKET**

**GASTROINTESTINAL COMPLAINTS**

**BLADDER COMPLAINTS**

▣ **CHRONIC FATIGUE**

Chronic fatigue syndrome (CFS) is a systemic disease affecting the nervous, immune, and endocrine systems, among others. This profile summarizes pathogens which, according to the current state of research, are considered possible triggers of this inconsistent clinical picture.

## LYME DISEASE

The symptoms of Lyme disease are very diverse. Frequently occurring symptoms are severe tiredness and general exhaustion, severe headache and neck pain, blurred vision ("brain fog"), "jumping" joint pain, sudden severe muscle pain, cardiac arrhythmia, disturbed temperature sensitivity with night sweats, sudden urge to urinate, impairment of the libido, severe mood swings and depressive moods up to suicidality. The symptoms occur in many patients every 3-4 weeks, in between they are somewhat less pronounced.

## CO-INFECTIONS

In addition to Lyme disease, co-infections often occur, the pathogens of which are transmitted by ticks and insects together with the Borrelia. If these co-infections are not recognized and treated, they can impair the success of Lyme disease treatment.

Based on our many years of experience, we have compiled various infection profiles that include Lyme disease and frequently occurring co-infections.

**IMPORTANT**

The listed symptoms of the infection profiles can also have **other causes**. These profiles were developed from a **chronic infection perspective**; they do not in any way replace going to your family doctor or specialist for advice, examination and further diagnostics.

## INFECTION PROFILES

### CHRONIC FATIGUE

**626,70 €**

(SCREENING - CHRONIC FATIGUE - *Screen.*)

**471,18 €**

This profile includes the following parameters:

INFECTIOLOGY	EUR
Coxiella burnetii IgG-Ab CLIA ( <i>Screen.</i> )	16,09 €
Coxiella burnetii IgM-Ab CLIA	20,11 €
Coxsackie- and ECHO-Viruses IgG EIA	23,46 €
Coxsackie- and ECHO-Viruses IgA EIA	23,46 €
Coxsackie- and ECHO-Viruses IgM EIA ( <i>Screen.</i> )	23,46 €
Dengue-Virus IgG-Ab CLIA	16,09 €
Dengue-Virus IgM-Ab CLIA ( <i>Screen.</i> )	20,11 €
Epstein-Barr-Virus VCA IgM-Ab CLIA ( <i>Screen.</i> )	20,11 €
Epstein-Barr-Virus EA IgG-Ab CLIA	20,11 €
Herpes simplex-Virus 1+2 IgG-Ab CLIA	16,09 €
Herpes simplex-Virus 1+2 IgM-Ab CLIA ( <i>Screen.</i> )	20,11 €
Human Herpesvirus 6 (HHV-6) IgG-Ab CLIA ( <i>Screen.</i> )	20,11 €
Legionella pneumophila SG IgG-Ab CLIA ( <i>Screen.</i> )	16,09 €
Legionella pneumophila SG IgM-Ab CLIA	20,11 €
Varizella-Zoster-Virus IgG-Ab CLIA	16,09 €
Varizella-Zoster-Virus IgM-Ab CLIA ( <i>Screen.</i> )	20,11 €
HUMORAL DEFENSE ( <i>Screen.</i> )	EUR
AP 50	40,22 €
CH 50	33,51 €
MBL	50,27 €
IgG	10,05 €
IgG1	10,05 €
IgG2	10,05 €
IgG3	10,05 €
IgG4	10,05 €
IgA	10,05 €
IgM	10,05 €
AUTOANTIBODIES ( <i>Screen.</i> )	EUR
β1-adrenerge Rez.-AAb	30,16 €
β2-adrenerge Rez.-AAb	30,16 €
M3-mAChR-AAb	30,16 €
M4-mAChR-AAb	30,16 €

### NEUROLOGICAL & PSYCHOLOGICAL

**455,85 €**

(SCREENING - NEUROL. & PSYCHOL. - *Screen.*)

**244,68 €**

This profile includes the following parameters:

	EUR
Bartonella henselae IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Bartonella henselae IgM-Ab IFA	34,19 €
Bartonella quintana IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Bartonella quintana IgM-Ab IFA	34,19 €
Babesia divergens IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Babesia divergens IgM-Ab IFA	34,19 €
Babesia microti IgG-Ab IFT ( <i>Screen.</i> )	34,19 €
Babesia microti IgM-Ab IFT	34,19 €
Borna AG EIA	16,76 €
Borna CIC EIA ( <i>Screen.</i> )	73,73 €
Toxoplasma gondii IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Toxoplasma gondii IgA-Ab EIA	23,46 €
Toxoplasma gondii IgM-Ab IFA	34,19 €

### CHRONIC FATIGUE PROFILE

You suffer from chronic exhaustion with sleep disorders, unusual concentration and memory problems, possibly joint or muscle pain and/or headaches. After physical or mental exertion, the symptoms increase for several days (post-exertional malaise)? Triggers of the so-called chronic fatigue syndrome, also known as myalgic encephalomyelitis (ME), can be\*: Borrelia, Coxsackie, Epstein-Barr, herpes or dengue viruses, legionella or coxiella. The **TICKPLEX® BASIC** together with the "**Chronic Fatigue**" profile provides information about a possible infection as the cause of the symptoms.

\*other possible causes: iron deficiency, hypothyroidism, autoimmune diseases such as multiple sclerosis or inflammatory bowel disease.

**Note:** The non-infectious parameters of this profile are primarily predisposing factors that favor the development of CFS.

### NEUROLOGICAL AND PSYCHOLOGICAL SYMPTOMS PROFILE

You suffer from depression or anxiety disorder or increased aggressiveness, chronic tiredness, difficulty concentrating, short-term paralysis or numbness. Borrelia infection may be accompanied by Bartonella, Babesia, Bornavirus or Toxoplasma infection. The **TICKPLEX® BASIC** together with the "**Neurological & Psychological**" profile provides information about a possible infection as the cause of the symptoms and thus enables causal therapy.



## RESPIRATORY COMPLAINTS & PAIN IN THE CHEST BASKET (SCREENING - *Screen.*)

307,71 €  
102,57 €

This profile includes the following parameters:

	EUR
Chlamydia pneumoniae IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Chlamydia pneumoniae IgA-Ab IFA	34,19 €
Chlamydia pneumoniae IgM-Ab IFA	34,19 €
Chlamydia psittaci IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Chlamydia psittaci IgA-Ab IFA	34,19 €
Chlamydia psittaci IgM-Ab IFA	34,19 €
Mycoplasma pneu. IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Mycoplasma pneu. IgA-Ab IFA	34,19 €
Mycoplasma pneu. IgM-Ab IFA	34,19 €

## GASTROINTESTINAL COMPLAINTS (SCREENING - GASTROINTESTINAL COMPLAINTS - *Screen.*)

261,40 €  
130,70 €

This profile includes the following parameters:

	EUR
Campylobacter jejuni IgG-Ab EIA ( <i>Screen.</i> )	23,46 €
Campylobacter jejuni IgA-Ab EIA	23,46 €
Helicobacter pylori IgG-Ab IB ( <i>Screen.</i> )	53,62 €
Helicobacter pylori IgA-Ab IB	53,62 €
Yersinia enterocolitica IgG-Ab IB ( <i>Screen.</i> )	53,62 €
Yersinia enterocolitica IgA-Ab IB	53,62 €

## BLADDER COMPLAINTS (SCREENING - BLADDER COMPLAINTS - *Screen.*)

307,71 €  
102,57 €

This profile includes the following parameters:

	EUR
Chlamydia trachomatis IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Chlamydia trachomatis IgA-Ab IFA	34,19 €
Chlamydia trachomatis IgM-Ab IFA	34,19 €
Mycoplasma hominis IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Mycoplasma hominis IgA-Ab IFA	34,19 €
Mycoplasma hominis IgM-Ab IFA	34,19 €
Ureaplasma urealyticum IgG-Ab IFA ( <i>Screen.</i> )	34,19 €
Ureaplasma urealyticum IgA-Ab IFA	34,19 €
Ureaplasma urealyticum IgM-Ab IFA	34,19 €

## RESPIRATORY COMPLAINTS & PAIN IN THE CHEST BASKET PROFILE

You suffer from breathing difficulties, shortness of breath, chronic cough, sore throat in connection with a frequently occurring bronchitis or pain in the rib area. There may be an infection with *Borrelia*, *Chlamydia pneumoniae*, *Chlamydia psittaci* or *Mycoplasma pneumoniae*, for example. The **TICKPLEX® BASIC** together with the "Respiratory complaints & pain in the chest basket" profile provides information about a possible infection as the cause of the symptoms and thus enables causal therapy.

## GASTROINTESTINAL COMPLAINTS PROFILE

You have chronic stomach pains before, during and after meals, frequent stomach pains, diarrhea and heartburn. There may be an infection by e.g. *Borrelia*, *Helicobacter pylori*, *Yersinia enterocolitica* and/or *Campylobacter jejuni*. The **TICKPLEX® BASIC** together with the "Gastrointestinal complaints" profile provides information about a possible infection as the cause of the symptoms and thus enables causal therapy.

## BLADDER COMPLAINTS PROFILE

You have difficulty and/or pain when urinating and/or chronic bladder inflammation. There may be an infection with *Borrelia*, *Chlamydia trachomatis*, *Mycoplasma hominis* and/or *Ureaplasma urealyticum*, for example. The **TICKPLEX® BASIC** together with the "Bladder complaints" profile provides information about a possible infection as the cause of the symptoms and thus enables causal therapy.

**Note:** The co-infections mentioned in the **BLADDER COMPLAINTS** profile are also transmitted during sex. It is also assumed that *Borrelia* can be transmitted sexually. A partner control and therapy is therefore appropriate. *Borrelia* can probably infect the unborn child during pregnancy. If in doubt, children should be checked.

### NEED HELP CHOOSING YOUR TESTS?

We will be happy to help you select useful tests based on your symptoms or your medical history. Simply call us on the telephone number below or send us an e-mail. A detailed medical consultation on site in our practice is also possible.

