

## Microblot-Array



### Multiplex diagnostics in microtiter plate format

**MICROBLOT-ARRAY** kits are optimized and validated for detection of specific IgA, IgG and IgM in human serum, plasma, cerebrospinal or synovial fluid

# INTRODUCTION

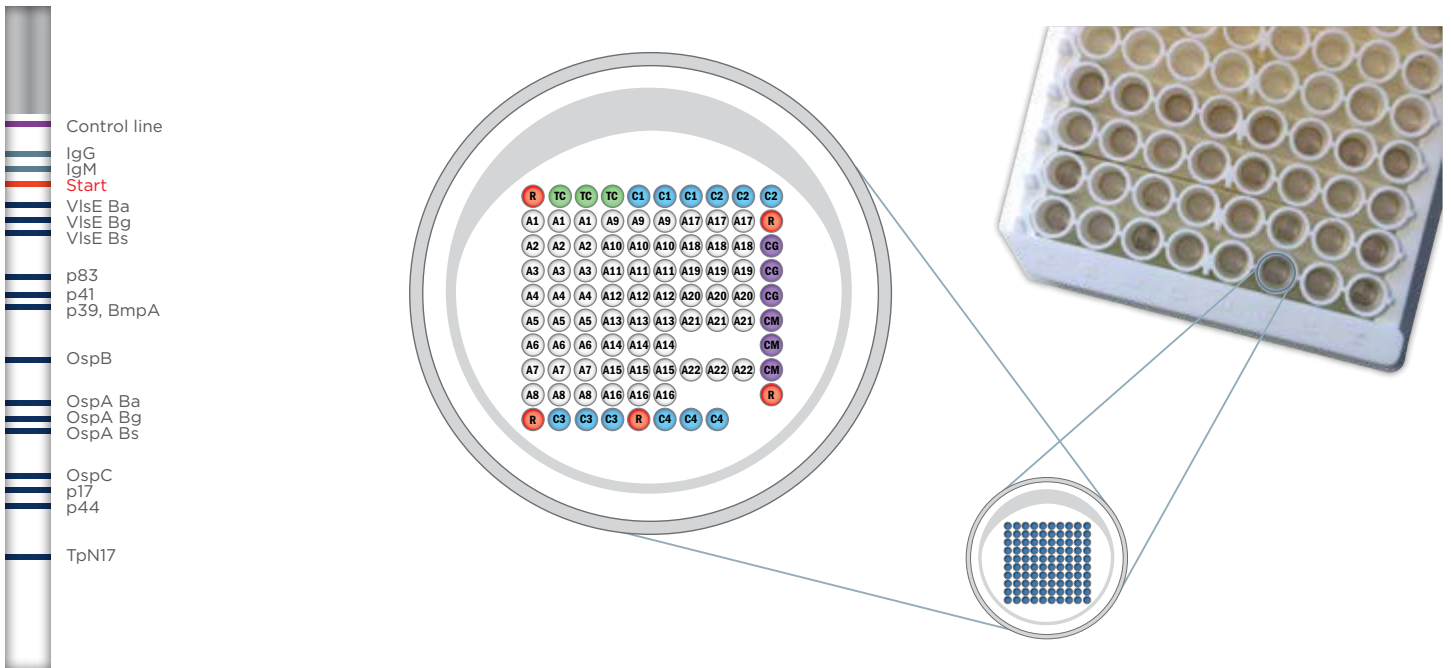
Specific recombinant proteins/antigens are spotted onto a nitrocellulose membrane on the bottom of wells of a microtitreplate - providing identical environment as within the classic line-blot strip-assays.

The technology eliminates the bottleneck of traditional blot-processing and opens up the way to high throughput testing.

# ADVANTAGES

- ▶ Low sample consumption
- ▶ Antigen spotted in triplicate - minimizing statistical variation
- ▶ Fully automatic assay processing and results evaluation
- ▶ Parallel testing of multiple markers simultaneously
- ▶ High sensitivity

## NEXT GENERATION KITS



# USED ANTIGENS

### Description of Microblot-Array Borrelia antigens

A1 - VlsE Ba	A9 - OspB	A17 - NapA
A2 - VlsE Bg	A10 - OspA Ba	A18 - OspE
A3 - VlsE Bs	A11 - OspA Bg	A19 - p17
A4 - p83	A12 - OspA Bs	A20 - OmpA
A5 - p58	A13 - OspC Ba	A21 - p44
A6 - p41 Ba	A14 - OspC Bg	A22 - Asp52
A7 - p41 Bs	A15 - OspC Bs	
A8 - p39	A16 - OspC Bsp	

### Description of Microblot-Array Chlamydia antigens

A1 - MOMP Cp	A5 - OMP5 Cp	A9 - HSP60
A2 - MOMP1 Cp	A6 - OMP4 Cp	A10 - MOMP Cps
A3 - OMP2 Cp	A7 - MOMP Ct	A11 - OMP2 Cps
A4 - p54	A8 - OMP2 Ct	

### Description of control spots

■	R - Reference
■	TC - Test control
■	CA - Conjugate control IgA
■	CG - Conjugate control IgG
■	CM - Conjugate control IgM
■	C1 - Calibration 1
■	C2 - Calibration 2
■	C3 - Calibration 3
■	C4 - Calibration 4

## SUMMARY PROTOCOL

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Processing of the Microblot-Array kits is identical to the standard implementation of other immunoenzymatic tests with the possibility of using ELISA (automatic analyzer, washer).

## TEST EVALUATION

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The comprehensive evaluation of Microblot-Array testing can be ensured using the Microblot-Array Software in combination with the BioVendor Microblot-Array Reader.

## MICROBLLOT-ARRAY READER

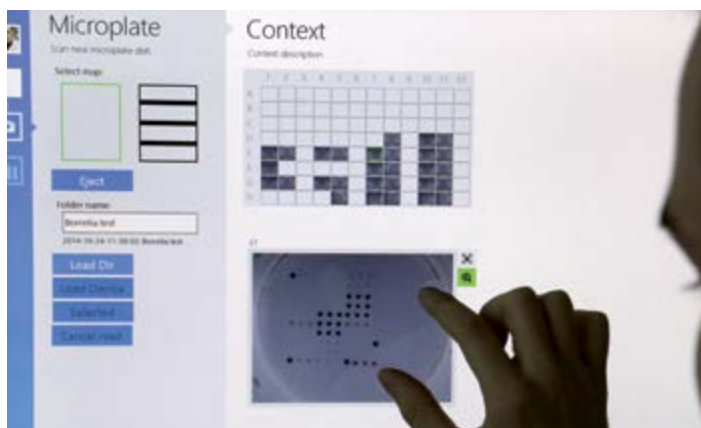
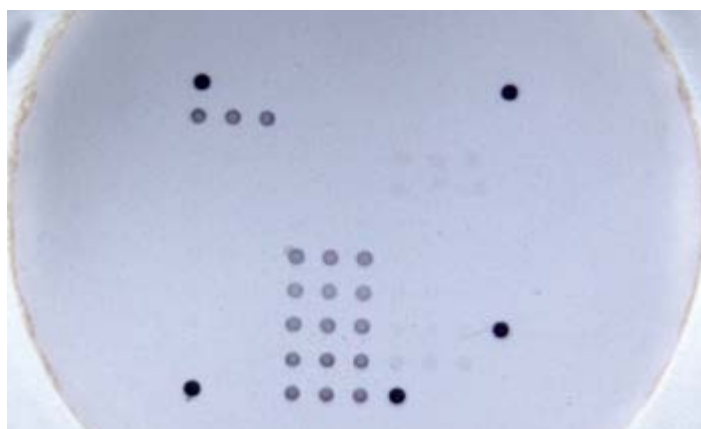
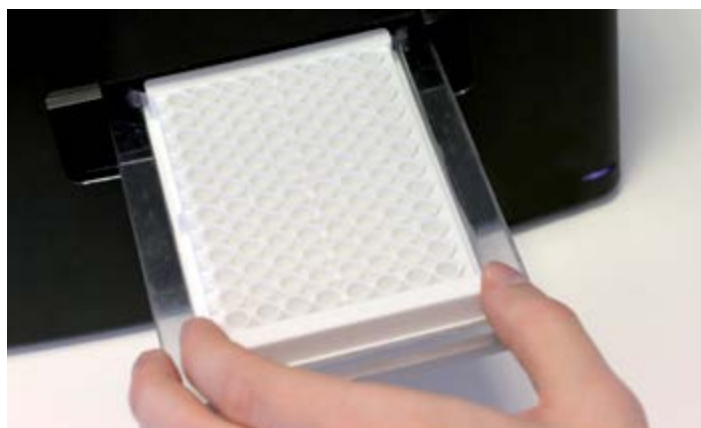
The colorimetric reader provides high-quality scanning and it is optimized for a 96-well microtiter plates format.

- ▶ Fast scanning, 2 minutes per full plate
- ▶ Scanning of selected wells/strips
- ▶ Automated spot localization and image analysis
- ▶ 5 MPx CMOS Color Camera, Resolution 2592 x 1944 px

## MICROBLLOT-ARRAY SOFTWARE

Developed for intuitive and user friendly guiding throughout the process of testing, enabling complex image analysis including results evaluation and connectivity to LIS.

- ▶ Automated well centering and imaging
- ▶ Optional manual control of spot localization
- ▶ Detailed results comparison within single wells and spots
- ▶ Evaluation of the validity test through control spots.
- ▶ Clear view of results.



## ORDERING INFORMATION

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Code	Products	No. of Tests
BGMA096	Microblot-Array Borrelia IgG	96
BMMA096	Microblot-Array Borrelia IgM	96
CAMA096	Microblot-Array Chlamydia IgA	96
CGMA096	Microblot-Array Chlamydia IgG	96

## COMING SOON

### Products

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Microblot-Array ANA

Microblot-Array Allergy

Microblot-Array Food Allergy

Microblot-Array Food Intolerance

Microblot-Array ANCA

Microblot-Array Bordetella IgA

Microblot-Array Bordetella IgG

Microblot-Array Bordetella IgM

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## CONTACT

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Company is certified to the quality management system standards ISO 9001 and ISO 13485 for in vitro diagnostics.

