

ArminLabs | Medicum Bad Aibling MVZ GmbH - branch practice · Zirbelstr. 58 2nd floor · 86154 Augsburg · Germany

Laboratorio analisi Valsambro  
Tax identification 01546951201  
Via Cairoli 2

I 40121 Bologna

Patient : **Messineo, Maria**

Date of Birth: 05/19/1970 female

**Final report**

Order-ID : **839324015**

Page **1 / 2**

Date of Reception/Report : 12/06/2023

12/08/2023

Analysis	Result	Units	Reference Range	Chart
<b>Borrelia EliSpot *</b>				
<b>1 Borrelia b. Full Antigen *</b>	<b>!</b>	<b>9</b>	<b>SI</b>	
SI = Stimulation Index				
0-1 = negative				
2-3 = weak positive				
> 3 = positive				
<b>1 Borrelia b. OSP-Mix *</b>	<b>!</b>	<b>4</b>	<b>SI</b>	
SI = Stimulation Index				
0-1 = negative				
2-3 = weak positive				
> 3 = positive				
<b>1 Borrelia burgdorferi LFA-1 *</b>		<b>0</b>	<b>SI</b>	
SI = Stimulation Index				
0-1 = negative				
2-3 = weak positive				
> 3 = positive				

The results of the EliSpot tests indicate current cellular activities against *Borrelia burgdorferi*.

**Explanation of antigens:**

*Borrelia-burgdorferi* Full Antigen: *Borrelia burgdorferi* B31 reference strain (*Borrelia burgdorferi sensu stricto*)  
*Borrelia-burgdorferi* Peptide-Mix: OspA from *Borrelia b. sensu stricto*, *Borrelia afzelii*, *Borrelia garinii* + OspC native + DbpA recombinant.

*Borrelia-burgdorferi* LFA-1 (Lymphocyte Function Antigen 1) Own body protein + *Borrelia burgdorferi sensu stricto* (shared epitope). LFA1 can be associated with autoimmune diseases: collagenosis, Rheumatoid Arthritis, vasculitis. If positive or borderline positive look at:

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**Analysis**

**Result Units**

**Reference Range**

**Chart**

ANA, CCP-antibodies, ANCA.

**validated by**

**Dr. Mihail Pruteanu**