

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

In-Common Laboratories
57 Gervais Dr.

CDN M3C1Z2 North York

Patient : [REDACTED]

Date of Birth: 09/13/1984 female

Final report

Order-ID : [REDACTED]

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Date of Reception/Report : 07/11/2024

07/17/2024

Analysis	Result	Units	Reference Range	Chart
Basic Test/Tickplex Plus				
1 Tickplex Plus new				
1 B.burg.+afz.+gar.IgG	negative		negative	
		0,485 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 B.burg.+afz.+gar.IgM	positive		negative	
	!	1,077 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 B.burg.+afz.+gar+round bod.IgG	negative		negative	
		0,490 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 B.burg.+afz.+gar+round bod.IgM	negative		negative	
		0,680 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Babesia microti IgG	negative		negative	
		0,451 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Babesia microti IgM	negative		negative	
		0,569 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		

~) Analysis in Contract Laboratory

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CEO: Armin Schwarzbach MD PhD, Renate Douwes

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Amtsgericht Traunstein HRA 27384

VATReg-No.: DE321602336

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Analysis	Result	Units	Reference Range	Chart
	Ratio >= 1,00		= positive	
1 Bartonella henselae IgG	negative		negative	
		0,338 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	
1 Bartonella henselae IgM	negative		negative	
		0,556 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	
1 Ehrlichia chaffeensis IgG	negative		negative	
		0,598 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	
1 Ehrlichia chaffeensis IgM	positive		negative	
	!	1,992 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	
1 Rickettsia akari IgG	negative		negative	
		0,308 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	
1 Rickettsia akari IgM	negative		negative	
		0,451 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	
1 Coxsackie Virus Type A16 IgG	negative		negative	
		0,302 Ratio		
	Ratio 0,01 - 0,89		= negative	
	Ratio 0,90 - 0,99		= weak	
	Ratio >= 1,00		= positive	

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Analysis	Result	Units	Reference Range	Chart
1 Coxsackie Virus Type A16 IgM	negative		negative	
		0,456 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Epstein-barr Virus IgG	negative		negative	
		0,726 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Epstein-barr Virus IgM	negative		negative	
		0,354 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Human Parvovirus B19 IgG	negative		negative	
		0,331 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Human Parvovirus B19 IgM	negative		negative	
		0,608 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Mycopl.pneum.a.fermentans IgG	negative		negative	
		0,279 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		
1 Mycopl.pneum.a.fermentans IgM	negative		negative	
		0,582 Ratio		
	Ratio 0,01 - 0,89	= negative		
	Ratio 0,90 - 0,99	= weak		
	Ratio >= 1,00	= positive		

The antibodies indicate humoral immune responses against
Borrelia burgdorferi, *Ehrlichia chaffeensis*.

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Analysis	Result Units	Reference Range	Chart
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The Tickplex Plus ELISA is a screening test for various pathogen-specific IgG and IgM antibodies.

Please cross-reference this with the results of EliSpots/i-Spots tests and the CD57+ NK cell test that you may have done.

validated by

Dr. Mihail Pruteanu