Mosaic Diagnostics
CLIA ID: 17D0919496
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PATIENT NAME	Report, Sample	**ACCESSION**	25052200002
PATIENT DOB	Jan. 1, 2025	**ORDER CODE**	GX25-0000666
PATIENT GENDER	U	**SAMPLE TYPE, SOURCE & COLLECTION DATE**	
PATIENT PHONE	(919) 313-9672	Culture 1	05-20-2025, 09:17AM (EDT)
ACCOUNT	Mosaic Diagnostics	Serum	05-20-2025, 09:17AM (EDT)
PROVIDER	Test Provider	Whole Blood 1	05-20-2025, 09:17AM (EDT)
REPORT STATUS	FINAL	**RECEIVED**	05-22-2025, 09:17AM (EDT)
		REPORTED	05-22-2025, 09:18AM (EDT)

TEST INFORMATION	5. BBB Direct Detect 1 Day Draw - Digital PCR + Bartonella IgG Detect - IFA	**DIAGNOSIS CODES**	

QUALITATIVE RESULTS		
	RESULT	**FLAG**
4-SPECIES IFA SEROLOGY PANEL, IGG		
Bartonella henselae IFA Serology, IgG	1:64	REACTIVE
Bartonella koehlerae IFA Serology, IgG	≥1:256	REACTIVE
Bartonella quintana IFA Serology, IgG	1:128	REACTIVE
Bartonella vinsonii berkhoffi IFA Serology, IgG	1:256	REACTIVE
BBB MULTIPLEX DPCR		
Babesia spp. dPCR-B1	POSITIVE	POSITIVE
Bartonella spp. dPCR-B1	POSITIVE	POSITIVE
Borrelia spp. dPCR-B1	POSITIVE	POSITIVE
BBB MULTIPLEX DPCR - BARTONELLA CULTURE		
Bartonella spp. Culture dPCR-C1	POSITIVE	POSITIVE

Bartonella Culture dPCR-C1: Test Result Interpretation

Negative (PCR) Culture Specific- Bartonella spp. were not detected in BAPGM enrichment culture. Failure to detect target pathogen DNA using Digital PCR does not rule out a diagnosis.

Positive (PCR) Culture Specific- Bartonella spp. were detected in BAPGM enrichment culture.

BBB Multiplex Digital PCR targets were evaluated for potential cross-reactivity with structurally or functionally related pathogens. The assay exhibited limited cross-reactivity with a limited number of non-human, ruminant pathogens that, to date, are non-pathogenic in humans. Patient history should be considered when interpreting test results and creating a plan of care.

The expected ("Reference") value in the normal population is target organism genus/species "Negative."

4-Species IFA Serology Panel, IgG: Test Result Interpretation

Reactive: A Bartonella species titer greater than or equal to 1:64 indicates the tested serum sample was reactive to the indicated Bartonella species antigen(s), and that the patient has been exposed to, or may presently be infected with, a Bartonella species.

Non-Reactive: IFA results with a Bartonella species titer of less than or equal to 1:32 indicates the tested serum sample was non-reactive with the indicated Bartonella species antigen(s).

Indeterminate: Unable to determine definitive reactivity status. Submission of an additional sample for repeat testing is recommended.

The expected ("Reference") value in the normal population is "Non-reactive" to Bartonella henselae, Bartonella quintana, Bartonella koehlerae, or Bartonella vinsonii berkhoffii. Serological results should be interpreted in the context of patient history, possible past exposure, other clinical findings, and laboratory results.

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TEST INFORMATION	5. BBB Direct Detect 1 Day Draw - Digital PCR + Bartonella IgG Detect - IFA	**DIAGNOSIS CODES**	

Research studies have shown that some bacteremic patients do not develop antibodies.

BBB Multiplex dPCR- B1: Test Result Interpretation

Negative (PCR) - Target pathogen (Bartonella spp. and/or Borrelia spp. and/or Babesia spp.) DNA was not detected by Digital PCR from the patient's blood. Failure to detect target pathogen DNA using Digital PCR does not rule out a diagnosis.

Positive (PCR) - Target pathogen (Bartonella spp. and/or Borrelia spp. and/or Babesia spp.) DNA was detected by Digital PCR from the patient's blood.

BBB Multiplex Digital PCR targets were evaluated for potential cross-reactivity with structurally or functionally related pathogens. The assay exhibited limited cross-reactivity with a limited number of non-human, ruminant pathogens that, to date, are non-pathogenic in humans. Patient history should be considered when interpreting test results and creating a plan of care.

The expected ("Reference") value in the normal population is target organism genus/species "Negative."