Mosaic Diagnostics
CLIA ID: 17D0919496
Laboratory Director: Dr. Sean Agger PhD, MS, MBA, DABCC, DABMM

9221 QUIVIRA RD
OVERLAND PARK, KS 66215
P: (800) 288-0383 F: (919) 341-6207

PATIENT NAME	Report, Sample	**ACCESSION**	25042200001
PATIENT DOB	Jan. 1, 2025	**ORDER CODE**	GX25-0000441
PATIENT GENDER	U	**SAMPLE TYPE, SOURCE & COLLECTION DATE**	
PATIENT PHONE	(919) 313-9672	Culture 1	04-21-2025, 08:55AM (EDT)
ACCOUNT	Mosaic Diagnostics	Whole Blood 1	04-21-2025, 08:55AM (EDT)
PROVIDER	Test Provider	**RECEIVED**	04-22-2025, 08:55AM (EDT)
REPORT STATUS	FINAL	**REPORTED**	04-22-2025, 08:56AM (EDT)
TEST INFORMATION	3. BBB Direct Detect 1 Day Draw - Digital PCR	**DIAGNOSIS CODES**	

QUALITATIVE RESULTS		
	RESULT	**FLAG**
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."

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."

---------- END OF REPORT ----------

Tests included in this report were performed and analyzed at Galaxy Diagnostics. Reference laboratory test results may not be altered. These tests were developed and their performance characteristics determined by Galaxy Diagnostics. These tests have not been cleared or approved by the FDA. Galaxy Diagnostics (CLIA ID 34D2027997, Laboratory Director: Susan Orton, PhD, D(ABMLI)) is located at 6 Davis Drive. Suite 201, Research Triangle Park, NC.