

Date Collected: 09/28/2026 Date Received: 09/28/2026 Date Reported: 09/29/2026 Fasting: Yes

Ordered Items: MVX Plus; Drawing Fee; Asheville,NC 828-254-1376

Date Collected: 09/28/2026

MVX Plus

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Metabolic Vulnerability Index ^{A, 01}	32		score	<63
Inflammation Vulnerability ^{A, 01}	28		score	<59
GlycA ^{A, 01}	223		umol/L	<400
Small HDL particle number ^{A, 01}	14.6		umol/L	11.5-21.6
Metabolic Malnutrition Index ^{A, 01}	47		score	<71
Citrate ^{A, 01}	1.75		mg/dL	1.08-2.73
Valine ^{A, 01}	224		umol/L	116-298
Leucine ^{A, 01}	106		umol/L	41-179
Isoleucine ^{A, 01}	51		umol/L	28-109

Comment:⁰¹

The Metabolic Vulnerability Index (MVX) test is intended for use as a risk marker for mortality in adult subjects. The MVX score is calculated from concentrations of six plasma metabolites that are combined into two sub-scores: the Inflammation Vulnerability Index (IVX) and the Metabolic Malnutrition Index (MMX). These sub-scores reflect both the inflammatory and dysmetabolic/malnutrition elements of the metabolic malnutrition inflammation syndrome which is often the basis for near-term mortality prognostication.

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The MVX provides a risk score (1-100) in plasma or serum that is proportional to a patient's relative risk of all-cause death occurring in the near term (within 5 years), independent of age and other mortality risk factors. In conjunction with other laboratory findings and clinical evaluation, the MVX score may be used as a prognostic aid for the assessment of mortality related to either metabolic dysfunction (high MMX score) and/or enhanced inflammation (high IVX score). The MVX was developed in patients at high risk of cardiovascular disease, but may also be relevant in/for other high risk groups such as patients with metabolic dysfunction-associated steatotic liver disease (MASLD).

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NOTE: THE REFERENCE INTERVALS WERE DETERMINED IN EDTA PLASMA. DUE TO THE DIFFERENCES IN CONCENTRATIONS OF SOME METABOLITES BETWEEN PLASMA AND SERUM, FOR SERUM SAMPLES MVX SCORES WILL BE 5 POINTS LOWER, MMX SCORES WILL BE 15 POINTS LOWER AND IVX SCORES WILL BE 3 POINTS HIGHER. THEREFORE, THE REFERENCE INTERVALS (MEDICAL DECISION LIMITS) IN SERUM ARE AS FOLLOWS: MVX SCORE <58, MMX <56 AND IVX <62

Previous Result

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

Icon Legend

▲ Out of Reference Range ■ Critical or Alert

Footnotes/Disclaimers
A: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

Performing Labs
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For inquiries, the physician may contact Branch: 888-522-2677 Lab: 800-762-4344

Patient Details	Physician Details	Specimen Details
Lavelle, Joe , Asheville, NC, 28801 Phone: Date of Birth: 06/15/1962 Age: 64 Sex: Male Patient ID: Alternate Patient ID:	T BREWER Own Your Labs (Edwards, MD) PC 7320 S RAINBOW BLVD #102-175, Las Vegas, NV, 89139 Phone: 702-482-8244 Account Number: 27010730 Physician ID: NPI: 1659604197	Specimen ID: 271-174-2276-0 Control ID: 20209402406 Alternate Control Number: Date Collected: 09/28/2026 0807 Local Date Received: 09/28/2026 0000 ET Date Entered: 09/28/2026 1242 ET Date Reported: 09/29/2026 2105 ET