



LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT

WX0000000237 F 12/05/1988 36 Y

Referral Testing

Collected: 08/22/2025 08:24

Received: 08/22/2025 08:24

<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
14-3-3 eta Protein	<0.2		<0.2	ng/mL	QCRL

The 14-3-3eta protein is a marker of synovial inflammation that is released into synovial fluid and peripheral blood in rheumatoid arthritis (RA) and erosive psoriatic arthritis. One in five RF and CCP seronegative early stage RA patients is found to be positive for 14-3-3eta protein. Patients with active joint RA disease have higher values of 14-3-3eta protein than those with inactive RA or psoriasis without arthritis. 14-3-3eta protein has a 93% specificity in patients with RA. Values ≥ 0.2 ng/mL are elevated and indicative of RA disease or erosive psoriatic arthritis. Values >0.50 ng/mL are associated with more aggressive RA disease and poorer outcomes. Unlike RF and CCP, 14-3-3eta protein is a therapeutically modifiable marker to monitor response to therapy. A decrease in 14-3-3eta protein in response to DMARDs (disease-modifying antirheumatic drugs) and anti-TNF (tumor necrosis factor) drugs indicates better clinical outcomes; an increase is associated with worse outcomes despite apparent clinical remission.

For further information please visit:

<http://www.questdiagnostics.com/testcenter/testguide.action?dc=TS-RmArthPnl>

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Test Performed at:

Quest Diagnostics Nichols Institute
33608 Ortega Highway

San Juan Capistrano, CA 92675-2042 I Maramica MD, PhD, MBA

Reported Date: 08/22/2025 08:26 1433P

Performing Site:

QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

E022000002
WX0000000237

Printed D&T: 08/22/25 08:27

Ordered By: CLIENT CLIENT
WX00000000000336

Kajal V. Sitwala, MD, PhD - Medical Director

Form: MM RL1

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