

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/27/1951
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

14-3-3 eta Protein

ARUP test code 3000453

14-3-3 eta Protein

<0.2 ng/mL (Ref Interval: <0.2)

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 > or = 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.

Performed by: Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

I Maramica MD, PhD, MBA,

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
14-3-3 eta Protein	21-052-400429	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 21-052-400429
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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