

Patient: [REDACTED]
 DOB: [REDACTED] Age: 51
 Patient Identifiers: [REDACTED]
 Visit Number (FIN): [REDACTED]

Gender: M

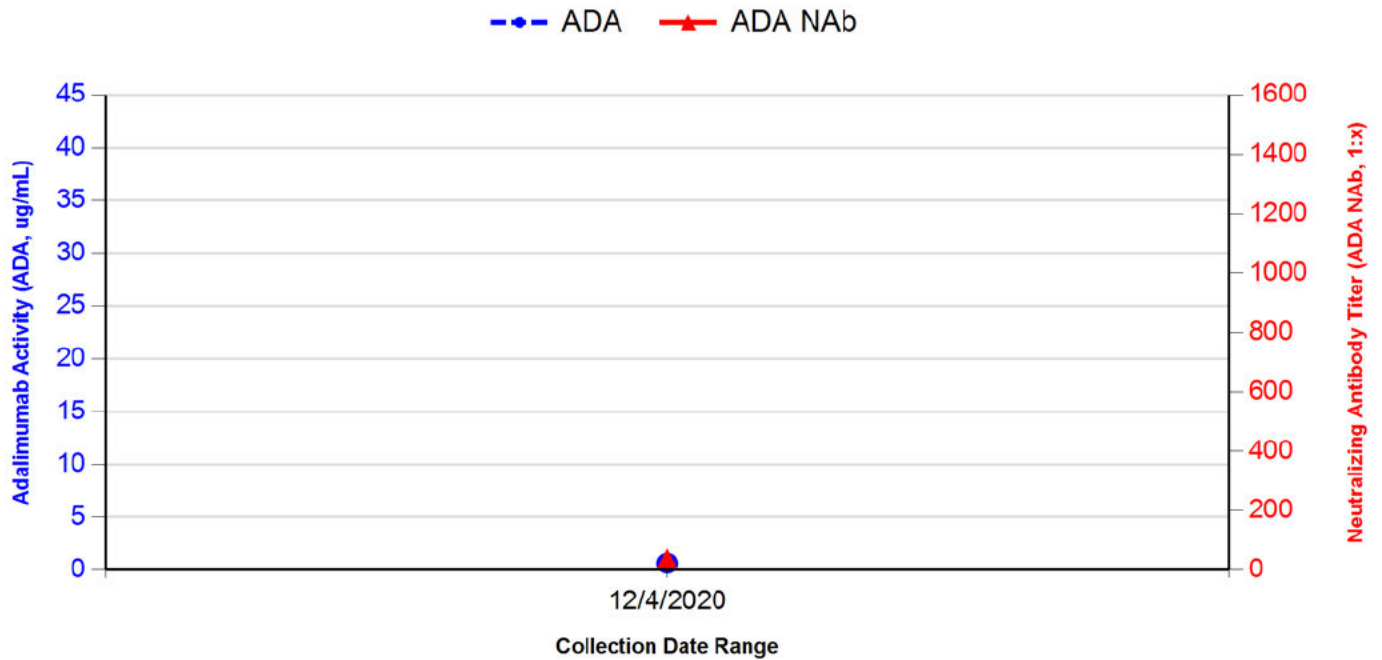
Client: [REDACTED]
 Physician: [REDACTED]

ARUP Test Code: 2013608
 Collection Date: 12/04/2020
 Received in lab: 12/06/2020
 Completion Date: 12/07/2020

Patient History *

<u>Collection Date</u>	<u>Adalimumab Activity (ADA) ug/mL</u>	<u>Neutralizing Antibody (ADA NAb) Titer</u>	<u>Accession Number</u>
12/4/2020	Not Detected	1:37	20-339-121129

Adalimumab Activity versus Neutralizing Antibody Titer



Cutoff values are 0.65 ug/mL for adalimumab and 1:20 for antidrug antibody (NAb).

*Consecutive test results are displayed on this chart; however, this result set may be incomplete due to variations in the demographic information submitted for prior tests. If the information on this chart appears incomplete, please consult this patient's prior charts.



Adalimumab Reflex to Neutralizing Antibody Confirmation

Patient: [REDACTED] | Date of Birth [REDACTED] | Gender: M | Physician: [REDACTED]
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

Interpretive Comments

Interpretive Data: This test measures the capacity of adalimumab to neutralize TNF-alpha activity. If adalimumab is not detected, testing for neutralizing antibodies (NAb) will be performed. Adalimumab NAb titer is obtained by identifying the minimal serum dilution at which blocking of adalimumab activity is no longer observed.

This test is used to evaluate secondary response failures to adalimumab therapy. Secondary response failure is defined as loss of clinical response after initial improvement of clinical signs and symptoms. Therapeutic decision should rest on both the clinical response and the knowledge of the fate of the drug including the emergence of immunogenicity in individual patients.

Circulating adalimumab levels have been shown to vary considerably between patients. These differences relate to route and frequency of administration and patient-related features such as age, gender, weight, drug metabolism, and concomitant medications such as methotrexate and other immunosuppressants.

IF Adalimumab Activity is...	AND Adalimumab Neutralizing Antibody Titer is...	THEN...
Not Detected	Not Detected	A higher dosage of adalimumab or shortening the dosing interval may be appropriate.
Not Detected	1:20 or greater	A change to another anti-TNF-alpha drug may be appropriate.
0.65 ug/mL or greater	Not Applicable	A change to another type of therapy (not targeting TNF-alpha) may be appropriate, if the patient did not respond adequately to adalimumab therapy.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.



Patient: [REDACTED]
ARUP Accession: 20-339-121129
[REDACTED]