Lab Dept: Chemistry

Test Name: METHOTREXATE POLYGLUTAMATE

General Information
Lab Order Codes: MTXP
Synonyms: Avise PG
CPT Codes: 82491 – Chromatography, quantitative, column; single analyte not elsewhere specified, single stationary and mobile phase
Test Includes: Measures red blood cell methotrexate polyglutamates (MTX PGs), the active metabolites of methotrexate.

Logistics
Test Indications: Avise PG testing service is a specialized blood test that helps measure how well your body metabolizes methotrexate (MTX). MTX is a widely used medication for the treatment of rheumatoid arthritis (RA) and may be prescribed alone or in combination with other therapies. However, not everyone responds to MTX therapy in the same way, so some patients need a higher dose while others do fine on a lower dose.
Lab Testing Sections: Chemistry - Sendouts
Referred to: Exagen Diagnostics (Exagen Test: Avise PG)
Phone Numbers:
MIN Lab: 612-813-6280
STP Lab: 651-220-6550
Test Availability: Daily, 24 hours
Turnaround Time: 7 – 10 days
Special Instructions: N/A

Specimen
Specimen Type: Whole Blood
Container: Lavender top (EDTA) tube provided in kit
Draw Volume: 5 mL blood
Processed Volume: Same as Draw Volume

Collection: Routine blood collection

Special Processing: Lab Staff: DO Not centrifuge specimen. Send in original collection container with an ice pack. Ship specimens M-F, overnight priority delivery. If shipment is delayed, store refrigerated. The specimen may be stored up to 4 days before shipping.

Ship to: Exagen Diagnostics, Inc. 1260 Liberty Way Ste C Vista, CA 92081 Phone: 1-888-452-4522 http://www.avisetest.com

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range:

<table>
<thead>
<tr>
<th></th>
<th>Therapeutic:</th>
<th>Intermediate:</th>
<th>Sub-therapeutic:</th>
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<tbody>
<tr>
<td></td>
<td>&gt;60 nmol/L</td>
<td>20.0 – 60.0 nmol/L</td>
<td>&lt;20 nmol/L</td>
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Critical Values: N/A

Limitations: N/A

Methodology: Liquid chromatographic method with post column photo-oxidation technique

References: Exagen Diagnostics Avise January 2018