
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 venipuncture

Special Processing: Lab Staff: Do not centrifuge. Call overnight carrier to arrange for pickup according to shipping label provided in kit. Samples drawn Monday-Friday should be shipped overnight priority delivery the same day. Saturday deliveries are acceptable. If shipment is delayed, store refrigerated. The specimen may be stored up to 4 days before shipping.

When ready to ship:

1. Insert frozen cold pack into large well.
2. Enclose specimen(s) in small plastic bag(s) and place inside small wells, away from coldpack.
3. Samples from multiple patients may be placed in the same box.
4. Replace foam lid and place the completed test requisition(s) on top before closing transportation kit.
5. Affix the shipping label provided to the large shipping bag.
6. Place the closed transportation kit inside the shipping bag and seal.

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:

Therapeutic:	>60 nmol/L
Intermediate:	20.0 – 60.0 nmol/L
Sub-therapeutic:	<20 nmol/L

Critical Values: N/A

Limitations: N/A

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

References: [Exagen Diagnostics Advise](#) October 2012