
Lab Dept: Chemistry

Test Name: METHOTREXATE POLYGLUTAMATE

General Information

Lab Order Codes: MTXP

Synonyms: Advise MTX PG

CPT Codes: 80204 – Chromatography Quant Mult (Quantification of intracellular methotrexate polyglutamates)

Test Includes: Measures red blood cell methotrexate polyglutamates (MTX PGs), the active metabolites of methotrexate.

Logistics

Test Indications: Advise 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 (EXA: 4010)

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 from Sendouts or substitute the standard lab 5 mL EDTA tube if necessary)

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 a **refrigerated** ice pack (ice pack must NOT be frozen). Ship specimens M-F, overnight priority delivery, using label provided in the Avise kit. If shipment is delayed, store refrigerated. The specimen may be stored up to 4 days before shipping.

Exagen 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 Avise](#) December 2023

Updates: 12/27/2023: Removed outdated shipping address; updated packaging information to clarify ice pack must be refrigerated, not frozen; updated CPT code.