

## **Test Definition: MTHP**

5,10-Methylenetetrahydrofolate Reductase C677T and A1298C Mutations, Blood

Reporting Title: MTHFR 2 Mutations Analysis, B

Performing Location: Rochester

## **Specimen Requirements:**

Container/Tube:

Preferred: Yellow top (ACD solution B)

Acceptable: Lavender top (EDTA) or blue top (sodium citrate)

Specimen Volume: Full tube Collection Instructions:

Invert several times to mix blood.
Send specimen in original tube.

Additional Information: Each molecular coagulation test requested must have its own tube.

Forms:

1. Coagulation Patient Information Sheet (Supply T675) in Special Instructions

2. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

Specimen Type	Temperature	Time
Whole blood	Ambient (preferred)	7 days
	Frozen	7 days
	Refrigerated	7 days

#### **Result Codes:**

Result ID	Reporting Name	Туре	Unit	LOINC®
21827	Methylenetetrahydrofol Reduc Mut, B	Alphanumeric		21709-1
	Also used by tests: MTHFR			
21828	MTHFR Interpretation	Alphanumeric		69047-9
	Also used by tests: MTHFR			
21830	MTHFR Reviewed By	Numeric		In Process
	Also used by tests: MTHFR			
34701	MTHFR A1298C Mutation Analysis, B	Alphanumeric		In Process
34702	MTHAC Interpretation	Alphanumeric		In Process
34703	MTHAC Reviewed By	Numeric		In Process



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## **Components:**

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
MTHFR	MTHFR C677T Mutation Analysis, B	1	81291	Yes	Yes (order #81648)
MTHAC	MTHFR A1298C Mutation Analysis, B			Yes	Yes (order #61730)

## **Reference Values:**

Negative