

# Article - Billing and Coding: MolDX: Genetic Testing for Hypercoagulability / Thrombophilia (Factor V Leiden, Factor II Prothrombin, and MTHFR) (A57424)

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## Contractor Information

CONTRACTOR NAME	CONTRACT TYPE	CONTRACT NUMBER	JURISDICTION	STATES
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02101 - MAC A	J - F	Alaska
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02102 - MAC B	J - F	Alaska
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02201 - MAC A	J - F	Idaho
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02202 - MAC B	J - F	Idaho
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02301 - MAC A	J - F	Oregon
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02302 - MAC B	J - F	Oregon
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02401 - MAC A	J - F	Washington
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	02402 - MAC B	J - F	Washington
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03101 - MAC A	J - F	Arizona
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03102 - MAC B	J - F	Arizona
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03201 - MAC A	J - F	Montana
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03202 - MAC B	J - F	Montana
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03301 - MAC A	J - F	North Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03302 - MAC B	J - F	North Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03401 - MAC A	J - F	South Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03402 - MAC B	J - F	South Dakota
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03501 - MAC A	J - F	Utah
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03502 - MAC B	J - F	Utah
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03601 - MAC A	J - F	Wyoming
<a href="#">Noridian Healthcare Solutions, LLC</a>	A and B MAC	03602 - MAC B	J - F	Wyoming

## Article Information

### General Information

**Article ID**  
A57424

**AMA CPT / ADA CDT / AHA NUBC Copyright  
Statement**

## Article Title

Billing and Coding: MoIDX: Genetic Testing for Hypercoagulability / Thrombophilia (Factor V Leiden, Factor II Prothrombin, and MTHFR)

## Article Type

Billing and Coding

## Original Effective Date

11/01/2019

## Revision Effective Date

08/12/2021

## Revision Ending Date

N/A

## Retirement Date

N/A

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## CMS National Coverage Policy

Title XVIII of the Social Security Act, §1833(e) prohibits Medicare payment for any claim lacking the necessary documentation to process the claim.

CMS Internet-Only Manual, Pub. 100-04, Medicare Claims Processing Manual, Chapter 16, §50.5 Jurisdiction of Laboratory Claims, 60.1.2 Independent Laboratory Specimen Drawing, 60.2 Travel Allowance.

CMS Internet-Only Manual, Pub. 100-04, Medicare Claims Processing Manual, Chapter 23, §10 Reporting ICD Diagnosis and Procedure Codes

## Article Guidance

### Article Text

The following coding and billing guidance is to be used with its associated Local coverage determination.

To report a Genetic Testing for Hypercoagulability / Thrombophilia (Factor V Leiden, Factor II Prothrombin, and MTHFR) service, please submit the following claim information:

- Select appropriate CPT<sup>®</sup> code
- Enter 1 unit of service (UOS)
- Enter the appropriate DEX Z-Code<sup>™</sup> identifier adjacent to the CPT<sup>®</sup> code in the comment/narrative field for the following Part B claim field/types:
  - Loop 2400 or SV101-7 for the 5010A1 837P
  - Item 19 for paper claim
- Enter the appropriate DEX Z-Code<sup>™</sup> identifier adjacent to the CPT<sup>®</sup> code in the comment/narrative field for

the following Part A claim field/types:

- Line SV202-7 for 837I electronic claim
- Block 80 for the UB04 claim form
- Select the appropriate ICD-10-CM code

## Coding Information

### CPT/HCPCS Codes

#### Group 1 Paragraph:

N/A

#### Group 1 Codes:

CODE	DESCRIPTION
81240	F2 (PROTHROMBIN, COAGULATION FACTOR II) (EG, HEREDITARY HYPERCOAGULABILITY) GENE ANALYSIS, 20210G>A VARIANT
81241	F5 (COAGULATION FACTOR V) (EG, HEREDITARY HYPERCOAGULABILITY) GENE ANALYSIS, LEIDEN VARIANT
81291	MTHFR (5,10-METHYLENETETRAHYDROFOLATE REDUCTASE) (EG, HEREDITARY HYPERCOAGULABILITY) GENE ANALYSIS, COMMON VARIANTS (EG, 677T, 1298C)

### CPT/HCPCS Modifiers

N/A

### ICD-10-CM Codes that Support Medical Necessity

#### Group 1 Paragraph:

N/A

#### Group 1 Codes:

CODE	DESCRIPTION
XX000	Not Applicable

### ICD-10-CM Codes that DO NOT Support Medical Necessity

N/A

### ICD-10-PCS Codes

N/A

### Additional ICD-10 Information

N/A

### Bill Type Codes

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the article does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the article should be assumed to apply equally to all claims.

CODE	DESCRIPTION
0x	TBD

### Revenue Codes

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the article, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the article should be assumed to apply equally to all Revenue Codes.

N/A

### Other Coding Information

N/A

## Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
08/12/2021	R2	Formatting, punctuation, and typographical errors were corrected throughout the Article.
11/01/2019	R1	CMS references are revised.

## Associated Documents

### Related Local Coverage Documents

#### Articles

[A54894 - Response to Comments: MolDX: Genetic Testing for Hypercoagulability / Thrombophilia](#)

**LCDs**

[DL36157 - \(MCD Archive Site\)](#)

[DL36159 - \(MCD Archive Site\)](#)

[L36159 - MoIDX: Genetic Testing for Hypercoagulability / Thrombophilia \(Factor V Leiden, Factor II Prothrombin, and MTHFR\)](#)

**Related National Coverage Documents**

N/A

**Statutory Requirements URLs**

N/A

**Rules and Regulations URLs**

N/A

**CMS Manual Explanations URLs**

N/A

**Other URLs**

N/A

**Public Versions**

UPDATED ON	EFFECTIVE DATES	STATUS
08/03/2021	08/12/2021 - N/A	Currently in Effect (This Version)
12/18/2019	11/01/2019 - 08/11/2021	Superseded
10/08/2019	11/01/2019 - N/A	Superseded

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## Keywords

N/A