

# Article - Billing and Coding: MolDX: Fragile X (A55242)

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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**

A55242

**Article Title**

Billing and Coding: MolDX: Fragile X

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

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## Article Type

Billing and Coding

## Original Effective Date

10/31/2016

## Revision Effective Date

12/17/2021

## Revision Ending Date

N/A

## Retirement Date

N/A

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## CMS National Coverage Policy

Title XVIII of the Social Security Act, §1862(a)(1)(A) statutory exclusion covers diagnostic testing "except for items and services that are not reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member".

## Article Guidance

### Article Text

The MoIDX Team has determined that Fragile X testing is not a Medicare covered service. Screening in the absence of signs and symptoms of an illness or injury is not defined as a Medicare benefit. Therefore, MoIDX will deny testing for Fragile X as a statutorily excluded service.

To receive a Fragile X service denial, please submit the following claim information:

- Select the appropriate CPT® code:
  - 81243- FMR1
  - 81244- FMR1, methylation analysis
  - 81470 – X-linked intellectual disability genomic sequence analysis panel
  - 81471 – X-linked intellectual disability genomic sequence analysis panel duplication / deletion
- An Advance Beneficiary Notice (ABN) is not required for statutorily excluded services.
- For a voluntary issued ABN, append with GX modifier
- To indicate a valid ABN is on file for a known statutorily excluded service, append with a GY modifier

For CPT® non-NOC codes, Labs may either use the SV101-7 or SV202-7 (preferred) or the NTE field to submit this required information.

- Enter the appropriate DEX Z-Code™ identifier adjacent to the CPT® 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™ identifier adjacent to the CPT® 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

## Coding Information

### CPT/HCPCS Codes

#### Group 1 Paragraph:

N/A

#### Group 1 Codes: (4 Codes)

CODE	DESCRIPTION
81243	FMR1 (FRAGILE X MENTAL RETARDATION 1) (EG, FRAGILE X MENTAL RETARDATION) GENE ANALYSIS; EVALUATION TO DETECT ABNORMAL (EG, EXPANDED) ALLELES
81244	FMR1 (FRAGILE X MENTAL RETARDATION 1) (EG, FRAGILE X MENTAL RETARDATION) GENE ANALYSIS; CHARACTERIZATION OF ALLELES (EG, EXPANDED SIZE AND PROMOTER METHYLATION STATUS)
81470	X-LINKED INTELLECTUAL DISABILITY (XLID) (EG, SYNDROMIC AND NON-SYNDROMIC XLID); GENOMIC SEQUENCE ANALYSIS PANEL, MUST INCLUDE SEQUENCING OF AT LEAST 60 GENES, INCLUDING ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, AND SLC16A2
81471	X-LINKED INTELLECTUAL DISABILITY (XLID) (EG, SYNDROMIC AND NON-SYNDROMIC XLID); DUPLICATION/DELETION GENE ANALYSIS, MUST INCLUDE ANALYSIS OF AT LEAST 60 GENES, INCLUDING ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, AND SLC16A2

### CPT/HCPCS Modifiers

**Group 1 Paragraph:**

N/A

**Group 1 Codes:** (2 Codes)

CODE	DESCRIPTION
GX	NOTICE OF LIABILITY ISSUED, VOLUNTARY UNDER PAYER POLICY
GY	ITEM OR SERVICE STATUTORILY EXCLUDED, DOES NOT MEET THE DEFINITION OF ANY MEDICARE BENEFIT OR, FOR NON-MEDICARE INSURERS, IS NOT A CONTRACT BENEFIT

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

**Group 1 Paragraph:**

N/A

**Group 1 Codes:**

N/A

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

**Group 1 Paragraph:**

N/A

**Group 1 Codes:**

N/A

**ICD-10-PCS Codes**

**Group 1 Paragraph:**

N/A

**Group 1 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.

N/A

### 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

#### Group 1 Paragraph:

N/A

#### Group 1 Codes:

N/A

## Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
12/17/2021	R4	<p>Noridian has modified certain language in this article to mirror the language used presently by the MoIDX team at Palmetto GBA as part of an annual review. Revision history dates and language may not exactly match the MoIDX PGBA revision history. However, these revision do not change coverage or guidance.</p> <p>12.01.2019: This article is being revised in order to adhere to CMS requirements per chapter 13, section 13.5.1 of the Program Integrity Manual. Under <b>Article Title</b> changed the title from "MoIDX: Fragile X Coding and Billing Guidelines Update" to "Billing and Coding: MoIDX: Fragile X". Title XVIII of the Social Security Act, §1862(a)(1)(A) has been added to the <b>CMS National Coverage Policy</b> section and removed from the <b>Article Text</b> section. Under <b>Article Text</b> deleted the bullet point "Select the appropriate diagnosis for the patient". Under <b>CPT/HCPCS Modifiers Group 1: Codes</b> added modifiers GX and GY. CPT<sup>®</sup> was inserted throughout the article where applicable.</p>

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
		01.01.2019: Added 81470 and 81471 to the article. Added 81243, 81244, 81470, and 81471 to the CPT/HCPCS Group 1 section. This is due to the 2019 Annual CPT/HCPCS Code update and is effective 1/1/19.
12/01/2019	R3	As required by CR 10901, article is converted to a formal billing and coding type article. There is no change in coverage. References were added to the CMS National Coverage Policy Section.
01/01/2019	R2	Article is revised to add CPT codes 81470 and 81471 per the 2019 Annual CPT Code Update. 81244 short/long descriptor was changed in Group 1.
10/31/2016	R1	Added Part A claim filing information.

## Associated Documents

### Related Local Coverage Documents

N/A

### 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
02/24/2022	12/17/2021 - N/A	Currently in Effect (This Version)
12/15/2019	12/01/2019 - 12/16/2021	Superseded

Some older versions have been archived. Please visit the MCD Archive Site to retrieve them.

# Keywords

N/A