

# Local Coverage Determination (LCD): MoIDX: Molecular Diagnostic Tests (MDT) (L35160)

Links in PDF documents are not guaranteed to work. To follow a web link, please use the MCD Website.

## Contractor Information

CONTRACTOR NAME	CONTRACT TYPE	CONTRACT NUMBER	JURISDICTION	STATE(S)
Noridian Healthcare Solutions, LLC	A and B MAC	01111 - MAC A	J - E	California - Entire State
Noridian Healthcare Solutions, LLC	A and B MAC	01112 - MAC B	J - E	California - Northern
Noridian Healthcare Solutions, LLC	A and B MAC	01182 - MAC B	J - E	California - Southern
Noridian Healthcare Solutions, LLC	A and B MAC	01211 - MAC A	J - E	American Samoa Guam Hawaii Northern Mariana Islands
Noridian Healthcare Solutions, LLC	A and B MAC	01212 - MAC B	J - E	American Samoa Guam Hawaii Northern Mariana Islands
Noridian Healthcare Solutions, LLC	A and B MAC	01311 - MAC A	J - E	Nevada
Noridian Healthcare Solutions, LLC	A and B MAC	01312 - MAC B	J - E	Nevada
Noridian Healthcare Solutions, LLC	A and B MAC	01911 - MAC A	J - E	American Samoa California - Entire State Guam Hawaii Nevada Northern Mariana Islands

## LCD Information

## Document Information

LCD ID

Original Effective Date

L35160

For services performed on or after 10/01/2015

**LCD Title**

MoIDX: Molecular Diagnostic Tests (MDT)

**Revision Effective Date**

For services performed on or after 11/01/2019

**Proposed LCD in Comment Period**

N/A

**Revision Ending Date**

N/A

**Source Proposed LCD**

N/A

**Retirement Date**

N/A

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

CPT codes, descriptions and other data only are copyright 2019 American Medical Association. All Rights Reserved. Applicable FARS/HHSARS apply.

**Notice Period Start Date**

08/16/2015

**Notice Period End Date**

09/30/2015

Current Dental Terminology © 2019 American Dental Association. All rights reserved.

Copyright © 2019, the American Hospital Association, Chicago, Illinois. Reproduced with permission. No portion of the AHA copyrighted materials contained within this publication may be copied without the express written consent of the AHA. AHA copyrighted materials including the UB-04 codes and descriptions may not be removed, copied, or utilized within any software, product, service, solution or derivative work without the written consent of the AHA. If an entity wishes to utilize any AHA materials, please contact the AHA at 312-893-6816. Making copies or utilizing the content of the UB-04 Manual, including the codes and/or descriptions, for internal purposes, resale and/or to be used in any product or publication; creating any modified or derivative work of the UB-04 Manual and/or codes and descriptions; and/or making any commercial use of UB-04 Manual or any portion thereof, including the codes and/or descriptions, is only authorized with an express license from the American Hospital Association. To license the electronic data file of UB-04 Data Specifications, contact Tim Carlson at (312) 893-6816 or Laryssa Marshall at (312) 893-6814. You may also contact us at [ub04@healthforum.com](mailto:ub04@healthforum.com).

**CMS National Coverage Policy**

Title XVIII of the Social Security Act (SSA) §1862(a)(1)(A), states that no Medicare payment shall be made for items

or services that "are not reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of malformed body member."

Title XVIII of the Social Security Act (SSA) §(a)(1)(D), Investigational or Experimental.

45 CFR 162.1002 (A)(5).

Publication 100-08 PIM, Ch. 13, §13.1.3, Program Integrity Manual, "LCDs consist of only "reasonable and necessary" information.

## Coverage Guidance

### Coverage Indications, Limitations, and/or Medical Necessity

This coverage policy provides the following information:

- defines tests required to register for a unique identifier
- defines tests required to submit a complete technical assessment (TA) for coverage determination
- defines the payment rules applied to covered tests that are not reported with specific codes from a code set recognized in 45 CFR §162.1002(a)(5), and termed "HIPAA compliant code sets" throughout the remainder of this LCD
- lists specific covered tests that have completed the registration and TA process and meet Medicare's reasonable and necessary criteria for coverage.

Tests evaluated through the application process and/or technical assessment will be reviewed to answer the following questions:

- Is the test performed in the absence of clinical signs and symptoms of disease?
- Will the test results provide the clinician with information that will improve patient outcomes and/or change physician care and treatment of the patient?
- Will the test results confirm a diagnosis or known information?
- Is the test performed to determine risk for developing a disease or condition?
- Will risk assessment change management of the patient?
- Is there a diagnosis specific indication to perform the test?
- Is the test performed to measure the quality of a process or for Quality Control/Quality Assurance (QC/QA), i.e., a test to ensure a tissue specimen matches the patient?

### MDT Policy Specific Definitions

MDT: Any test that involves the detection or identification of nucleic acid(s) (DNA/RNA), proteins, chromosomes, enzymes, cancer chemotherapy sensitivity and/or other metabolite(s). The test may or may not include multiple components. A MDT may consist of a single mutation analysis/identification, and/or may or may not rely upon an algorithm or other form of data evaluation/derivation.

Laboratory developed test (LDT): Any test developed by a laboratory developed without Food and Drug Administration (FDA) approval or clearance.

## Applicable Tests/Assays

In addition to the MDT definition, this coverage policy applies to all tests that meet at least one of the following descriptions:

- All non-FDA approved/cleared laboratory developed tests (LDT)
- All modified FDA-approved/cleared kits/tests/assays
- All tests/assays billed with more than one code from a HIPAA compliant code set to identify the service, including combinations of method-based, serology-based, and anatomic pathology codes
- All tests that meet the first three bullets and are billed with a Not Otherwise Classified NOC code

## Unique Test Identifier Requirement

Because the available language in the current HIPAA compliant code sets used to describe the pathology and laboratory categories and the tests included in those categories are not specific to the actual test results provided, all MDT services must include an identifier as additional claim documentation. Test providers must receive an identifier specific to the applicable test and submit the test assigned identifier with the claim for reimbursement. The assigned identifier will provide a crosswalk between the test's associated detail information on file and the submitted claim detail line(s) required to adjudicate each test's claim. The unique identifier limits the need to submit the required additional information about the test on each claim.

## Technology Assessments (TA)

MolDX will review all new test/assay clinical information to determine if a test meets Medicare's reasonable and necessary requirement. Labs must submit a comprehensive dossier on each new test/assay prior to claim submission. MolDX will only cover and reimburse tests that demonstrate analytical and clinical validity, and clinical utility at a level that meets the Medicare reasonable and necessary requirement.

## Payment Rules

MolDX will reimburse:

- approved tests covered for dates of service consistent with the effective date of the coverage determination.

## Covered Tests

**Please refer to the Noridian website for specific coding and billing information for services addressed in MolDX.**

**Other tests/assays may be addressed by separate Noridian policy. In addition the CPT codes listed under Group 1 are addressed in the MolDX program. If a test is not linked below under Related Local Coverage Documents, it may be addressed under separate Noridian policy or it has not been approved for coverage as it has either not been vetted by the MolDX contractor or has been found to be considered statutorily excluded.**

For additional MolDX Program information, go to the Noridian Medicare home page at [noridianmedicare.com](http://noridianmedicare.com) and select MolDX under the Policies Tab.

MolDX expects laboratory providers to follow test indications published by the developer.

## Summary of Evidence

N/A

## Analysis of Evidence (Rationale for Determination)

N/A

---

# General Information

## Associated Information

N/A

## Sources of Information

Current Procedural Terminology® (CPT) American Medical Association. American Medical Association Press, ISBN9781603592178, 2011.

## Bibliography

N/A

---

# Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION	REASON(S) FOR CHANGE
11/01/2019	R15	<p>The LCD is revised to remove CPT/HCPCS codes in the Keyword Section of the LCD.</p> <p>At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	<ul style="list-style-type: none"><li>• Other (The LCD is revised to remove CPT/HCPCS codes in the Keyword Section of the LCD.)</li></ul>
11/01/2019	R14	<p>Under <b>CMS National Coverage Policy</b> added regulation 45 CFR §162.1002 (a)(5).</p>	<ul style="list-style-type: none"><li>• Provider Education/Guidance</li></ul>

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION	REASON(S) FOR CHANGE
		<p>Under <b>Coverage Indications, Limitations and/or Medical Necessity</b> changed the third bullet to read, "defines the payment rules applied to covered tests that are not reported with specific codes from a code set recognized in 45 CFR §162.1002 (a)(5), and termed "HIPAA compliant code sets" throughout the remainder of this LCD".</p> <p>Under <b>Applicable Tests/Assays</b> subheading changed verbiage under the third bullet to read, "All tests/assays billed with more than one code from a HIPAA compliant code set to identify the service, including combinations of method-based, serology-based, and anatomic pathology codes".</p> <p>Under <b>Unique Test Identifier Requirement</b> subheading changed verbiage in the first two sentences to read, "Because the available language in the current HIPAA compliant code sets used to describe the pathology and laboratory categories and the tests included in those categories are not specific to the actual test results provided, all MDT services must include an identifier as additional claim documentation. Test providers must receive an identifier specific to the applicable test and submit the test assigned identifier with the claim for reimbursement" and deleted the verbiage, "Laboratory providers who bill MDT services must register test services on the DEX Diagnostics Exchange". Under Covered Tests subheading deleted the verbiage, "To obtain a unique identifier for a test and, to submit information for a technical assessment go to DEX Diagnostics Exchange <a href="https://app.dexzcodes.com/login">https://app.dexzcodes.com/login</a>".</p> <p>At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	
11/01/2019	R13	<p>11/01/2019: This LCD is being revised in order to adhere to CMS requirements per Chapter 13, Section 13.5.1 of the Program Integrity Manual. There has been no change in coverage with this LCD revision.</p> <p>Regulations regarding billing and coding were removed from the <b>CMS National Coverage Policy</b> section of this LCD and placed in the related Billing and Coding: MoIDX: Molecular</p>	<ul style="list-style-type: none"> <li>• Provider Education/Guidance</li> </ul>

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION	REASON(S) FOR CHANGE
		<p>Diagnostic Tests (MDT) A57626 article.</p> <p><i>At this time 21<sup>st</sup> Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</i></p>	
11/01/2019	R12	<p>As required by CR 10901, all billing and coding information has been moved to the companion article, this article is linked to the LCD.</p> <p>At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	<ul style="list-style-type: none"> <li>• Revisions Due To Code Removal</li> </ul>
11/01/2019	R11	<p>Under <b>CPT/HCPCS Codes Group 1: Codes</b> added code range 0084U-0104U. This revision is due to the Q3 2019 CPT/HCPCS Code Update and is effective for dates of service on or after 7/1/2019. 0104U is deleted effective 10/1/2019.</p> <p>At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> <li>• Revisions Due To CPT/HCPCS Code Changes</li> </ul>
01/01/2019	R10	<p>01/23/2019 - Either the short and/or long code description was changed for the following code(s). <b>Please Note:</b> Depending on which descriptor was used, there may not be any changes to the code display in this document:  0008U descriptor was changed in Group 1  0011M descriptor was changed in Group 1</p>	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> </ul>
01/01/2019	R9	<p>The following paragraph under Covered Tests has been clarified:</p> <p><b>Other tests/assays may be addressed by separate Noridian policy. In addition the CPT codes listed under Group 1 are addressed in the MoIDX program. If a test is not linked below under Related Local Coverage</b></p>	<ul style="list-style-type: none"> <li>• Other (Clarification of paragraph requested by the MoIDX contractor.)</li> </ul>

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION	REASON(S) FOR CHANGE
		<p><b>Documents, it may be addressed under separate Noridian policy or it has not been approved for coverage as it has either not been vetted by the MoIDx contractor or has been found to be considered statutorily excluded.</b></p>	
01/01/2019	R8	<p>Corrected typographical error in R7 revision history: CPT codes 71178, 71179, 71180 should be 81178, 81179 and 81180.</p>	<ul style="list-style-type: none"> <li>• Typographical Error</li> </ul>
01/01/2019	R7	<p>The following updates were made as a result of the 2019 Annual HCPCS code update:</p> <p>Deleted codes:0001M, 81211, 81213, 81214</p> <p>Codes added to existing ranges: 81163, 81164, 81165, 81166, 81167, 81171, 81172, 81173, 81174, 81177, 71178, 71179, 71180, 81181, 81182, 81183, 81184, 81185, 81186, 81187, 81188, 81189, 81190, 81204, 81233, 81234, 81236, 81237, 81239, 81237, 81239, 81271, 81274, 81284, 81285, 81286, 81289, 81305 ,81306, 81312, 80320, 81329, 81333, 81336, 81337, 81343, 81344,81345, 81443, 81518,81596</p> <p>Codes with descriptor changes: 0006U, 0012M, 0031U, 0032U, 81109, 81162, 81212, 81215, 81216, 81217, 81244, 81287, 81327, 81334</p>	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> <li>• Revisions Due To CPT/HCPCS Code Changes</li> </ul>
06/21/2018	R6	<p>Removed: 88399, 89398, 87999, 88199, 88299</p> <p>Added: 0001U, 0002U, 0003U, 0005U, 0006U, 0007U, 0008U, 0009U, 0010U, 0011U, 0012U, 0013U, 0014U, 0016U, 0017U, 0018U, 0019U, 0020U, 0021U, 0022U, 0023U, 0024U, 0025U, 0026U, 0027U, 0028U, 0029U, 0030U, 0031U, 0032U, 0033U, 0034U, 0035U, 0036U, 0037U, 0038U, 0039U, 0040U, 0041U, 0042U, 0043U, 0044U, 0011M, 0012M, 0013M, 81105-81112, 81120-81121, 86152-86153, 88120-88121.</p>	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> <li>• Revisions Due To CPT/HCPCS Code Changes</li> </ul>
01/01/2018	R5	<p>Removed G0452, 88380, 88381 because they no longer require a DEX Z code identifier. Revised the</p>	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC</li> </ul>



REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION	REASON(S) FOR CHANGE
		<p>link for technical assessment information.</p> <p>03/29/2018: At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	Jurisdiction
01/01/2018	R4	<p>The following changes were made as a result of the Annual 2018 CPT/HCPCS code update:</p> <p>81175, 81176, 81230, 81231, 81232, 81238, 81247, 81248, 81249, 81258, 81259, 81269, 81283, 81328, 81334, 81335, 81346, 81361, 81362, 81363, 81364, 81448, 81520, 81521, 81541 and 81551 were added to code range 81161 - 81599 in Group 1.</p> <p>CPT codes are current as of the AMA CPT® 2018 Professional Edition, ISBN 978-1-62202-600-5, ISSN 0276-8283.</p> <p>12/5/2017 At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> <li>• Revisions Due To CPT/HCPCS Code Changes</li> </ul>
01/01/2017	R3	<p>2017 CPT Code Changes:</p> <p>The following CPT/HCPCS codes were added to these code ranges:</p> <p>81327 was added to code range 81161 - 81599 in Group 1  81413 was added to code range 81161 - 81599 in Group 1  81414 was added to code range 81161 - 81599 in Group 1  81422 was added to code range 81161 - 81599 in Group 1  81439 was added to code range 81161 - 81599 in Group 1  81539 was added to code range 81161 - 81599 in Group 1</p> <p>Description was changed for the following CPT/HCPCS codes:  81402 descriptor was changed in Group 1, 81407 descriptor was changed in Group 1</p> <p>CPT/HCPCS codes were deleted:  0010M, 81280, 81281 and 81282 was deleted from Group 1.</p>	<ul style="list-style-type: none"> <li>• Revisions Due To CPT/HCPCS Code Changes</li> </ul>

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION	REASON(S) FOR CHANGE
04/21/2016	R2	Replaced Palmetto GBA reference with MoIDX, Under "Unique Test Identifier Requirement" - removed instruction to register services via Z-Code Identifier Application and Palmetto GBA Test Identifier (PTI) Application. Under "Payment Rules" - removed suspension of claims that omit Z-Code IDs. Under "Covered Tests" - updated the point of contact for McKesson and MoIDX.) JEA LCD L36249 is retired and JEA contract numbers are added to the JEB LCD so that JEA and JEB have the same MCD LCD number.	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> </ul>
10/01/2015	R1	This LCD is the final ICD-10 version of DL33541 Molecular Diagnostic Tests (MDT), which was initially introduced into draft in ICD-9 format and finalized in ICD-10 format.	<ul style="list-style-type: none"> <li>• Creation of Uniform LCDs Within a MAC Jurisdiction</li> <li>• Creation of Uniform LCDs With Other MAC Jurisdiction</li> </ul>

## Associated Documents

### Attachments

N/A

### Related Local Coverage Documents

Article(s)

- A55881 - Billing and Coding: MoIDX: ThermoFisher Oncomine Dx Target Test For Non-Small Cell Lung Cancer
- A55711 - Billing and Coding: MoIDX: Abbott RealTime IDH1 and IDH2 testing for Acute Myeloid Leukemia (AML)
- A54356 - Billing and Coding: MoIDX: Afirma™ Assay by Veracyte
- A54364 - Billing and Coding: MoIDX: AlloMap
- A54376 - Billing and Coding: MoIDX: Avise PG Assay
- A54386 - Billing and Coding: MoIDX: bioTheranostics Cancer TYPE ID®
- A54418 - Billing and Coding: MoIDX: FDA-Approved BRAF Tests
- A54422 - Billing and Coding: MoIDX: FDA-Approved EGFR Tests
- A54498 - Billing and Coding: MoIDX: FDA-Approved KRAS Tests
- A54437 - Billing and Coding: MoIDX: HERmark® Assay by Monogram
- A54445 - Billing and Coding: MoIDX: MammaPrint
- A57526 - Billing and Coding: MoIDX: Molecular Diagnostic Tests (MDT)
- A54480 - Billing and Coding: MoIDX: Oncotype DX® Breast Cancer Assay
- A54484 - Billing and Coding: MoIDX: Oncotype DX® Colon Cancer
- A54489 - Billing and Coding: MoIDX: Progenesa® PCA3 Assay
- A54494 - Billing and Coding: MoIDX: ResponseDX Tissue of Origin®
- A54503 - Billing and Coding: MoIDX: Vectra™ DA
- A54552 - Response to Comments: MoIDX: Molecular Diagnostic Tests (MDT)
- A54429

- (MCD Archive Site)A54509
- (MCD Archive Site)A55185
- (MCD Archive Site)

### **Related National Coverage Documents**

N/A

### **Public Version(s)**

Updated on 01/29/2020 with effective dates 11/01/2019 - N/A

Updated on 01/23/2020 with effective dates 11/01/2019 - N/A

Updated on 12/04/2019 with effective dates 11/01/2019 - N/A

Updated on 10/17/2019 with effective dates 11/01/2019 - N/A

Updated on 04/25/2019 with effective dates 01/01/2019 - 10/31/2019

Updated on 01/23/2019 with effective dates 01/01/2019 - N/A

Updated on 12/19/2018 with effective dates 01/01/2019 - N/A

Updated on 12/18/2018 with effective dates 01/01/2019 - N/A

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

---

## **Keywords**

N/A