Article - Billing and Coding: MoIDX: Biomarkers in Cardiovascular Risk Assessment (A57055)

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	STATES
Noridian Healthcare Solutions, LLC	A and B MAC	02101 - MAC A	J - F	Alaska
Noridian Healthcare Solutions, LLC	A and B MAC	02102 - MAC B	J - F	Alaska
Noridian Healthcare Solutions, LLC	A and B MAC	02201 - MAC A	J - F	Idaho
Noridian Healthcare Solutions, LLC	A and B MAC	02202 - MAC B	J - F	Idaho
Noridian Healthcare Solutions, LLC	A and B MAC	02301 - MAC A	J - F	Oregon
Noridian Healthcare Solutions, LLC	A and B MAC	02302 - MAC B	J - F	Oregon
Noridian Healthcare Solutions, LLC	A and B MAC	02401 - MAC A	J - F	Washington
Noridian Healthcare Solutions, LLC	A and B MAC	02402 - MAC B	J - F	Washington
Noridian Healthcare Solutions, LLC	A and B MAC	03101 - MAC A	J - F	Arizona
Noridian Healthcare Solutions, LLC	A and B MAC	03102 - MAC B	J - F	Arizona
Noridian Healthcare Solutions, LLC	A and B MAC	03201 - MAC A	J - F	Montana
Noridian Healthcare Solutions, LLC	A and B MAC	03202 - MAC B	J - F	Montana
Noridian Healthcare Solutions, LLC	A and B MAC	03301 - MAC A	J - F	North Dakota
Noridian Healthcare Solutions, LLC	A and B MAC	03302 - MAC B	J - F	North Dakota
Noridian Healthcare Solutions, LLC	A and B MAC	03401 - MAC A	J - F	South Dakota
Noridian Healthcare Solutions, LLC	A and B MAC	03402 - MAC B	J - F	South Dakota
Noridian Healthcare Solutions, LLC	A and B MAC	03501 - MAC A	J - F	Utah
Noridian Healthcare Solutions, LLC	A and B MAC	03502 - MAC B	J - F	Utah
Noridian Healthcare Solutions, LLC	A and B MAC	03601 - MAC A	J - F	Wyoming
Noridian Healthcare Solutions, LLC	A and B MAC	03602 - MAC B	J - F	Wyoming

Article Information

General Information

Article ID A57055 AMA CPT / ADA CDT / AHA NUBC Copyright Statement

Article Title

CPT codes, descriptions and other data only are copyright 2022 American Medical Association. All Rights Reserved. Applicable FARS/HHSARS apply.

Billing and Coding: MolDX: Biomarkers in Cardiovascular Risk Assessment

Article Type

Billing and Coding

Original Effective Date

10/01/2019

Revision Effective Date

01/01/2023

Revision Ending Date

N/A

Retirement Date

N/A

Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.

Current Dental Terminology $\ @$ 2022 American Dental Association. All rights reserved.

Copyright © 2022, the American Hospital Association, Chicago, Illinois. Reproduced with permission. No portion of the American Hospital Association (AHA) copyrighted materials contained within this publication may be copied without the express written consent of the AHA. AHA copyrighted materials including the UB\(\text{UB}\)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\(\text{SP3}\)

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. The American Hospital Association (the "AHA") has not reviewed, and is not responsible for, the completeness or accuracy of any information contained in this material, nor was the AHA or any of its affiliates, involved in the preparation of this material, or the analysis of information provided in the material. The views and/or positions presented in the material do not necessarily represent the views of the AHA. CMS and its products and services are not endorsed by the AHA or any of its affiliates.

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 Manuals, Publication 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 Online Manual Pub. 100-04, (Medicare Claims Processing Manual), Chapter 23 §10 Reporting ICD Diagnosis and Procedure Codes

Article Guidance

Article Text

The information in this article contains billing, coding or other guidelines that complement the Local Coverage Determination (LCD) for MoIDX: Biomarkers in Cardiovascular Risk Assessment L36362.

Coding Information

CPT/HCPCS Codes

Group 1 Paragraph:

The following CPT codes are covered:

Group 1 Codes: (11 Codes)

CODE	DESCRIPTION
82172	APOLIPOPROTEIN, EACH
82610	CYSTATIN C
83090	HOMOCYSTEINE
83695	LIPOPROTEIN (A)
83698	LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2 (LP-PLA2)
83700	LIPOPROTEIN, BLOOD; ELECTROPHORETIC SEPARATION AND QUANTITATION
83701	LIPOPROTEIN, BLOOD; HIGH RESOLUTION FRACTIONATION AND QUANTITATION OF LIPOPROTEINS INCLUDING LIPOPROTEIN SUBCLASSES WHEN PERFORMED (EG, ELECTROPHORESIS, ULTRACENTRIFUGATION)
83704	LIPOPROTEIN, BLOOD; QUANTITATION OF LIPOPROTEIN PARTICLE NUMBER(S) (EG, BY NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY), INCLUDES LIPOPROTEIN PARTICLE SUBCLASS(ES), WHEN PERFORMED
83719	LIPOPROTEIN, DIRECT MEASUREMENT; VLDL CHOLESTEROL
83721	LIPOPROTEIN, DIRECT MEASUREMENT; LDL CHOLESTEROL
86141	C-REACTIVE PROTEIN; HIGH SENSITIVITY (HSCRP)

CPT/HCPCS Modifiers

Group 1 Paragraph:

N/A

Group 1 Codes:

N/A

ICD-10-CM Codes that Support Medical Necessity

Group 1 Paragraph:

The following ICD-10 codes are covered:

Group 1 Codes: (177 Codes)

CODE	DESCRIPTION
E71.30	Disorder of fatty-acid metabolism, unspecified

CODE	DESCRIPTION
E75.21	Fabry (-Anderson) disease
E75.22	Gaucher disease
E75.240	Niemann-Pick disease type A
E75.241	Niemann-Pick disease type B
E75.242	Niemann-Pick disease type C
E75.243	Niemann-Pick disease type D
E75.244	Niemann-Pick disease type A/B
E75.248	Other Niemann-Pick disease
E75.249	Niemann-Pick disease, unspecified
E75.3	Sphingolipidosis, unspecified
E75.5	Other lipid storage disorders
E75.6	Lipid storage disorder, unspecified
E77.0	Defects in post-translational modification of lysosomal enzymes
E77.8	Other disorders of glycoprotein metabolism
E77.9	Disorder of glycoprotein metabolism, unspecified
E78.00	Pure hypercholesterolemia, unspecified
E78.01	Familial hypercholesterolemia
E78.1	Pure hyperglyceridemia
E78.2	Mixed hyperlipidemia
E78.3	Hyperchylomicronemia
E78.41	Elevated Lipoprotein(a)
E78.49	Other hyperlipidemia
E78.5	Hyperlipidemia, unspecified
E78.70	Disorder of bile acid and cholesterol metabolism, unspecified
E78.79	Other disorders of bile acid and cholesterol metabolism
E78.81	Lipoid dermatoarthritis
E78.89	Other lipoprotein metabolism disorders
E78.9	Disorder of lipoprotein metabolism, unspecified
E88.1	Lipodystrophy, not elsewhere classified
E88.2	Lipomatosis, not elsewhere classified
E88.89	Other specified metabolic disorders
I10	Essential (primary) hypertension

CODE	DESCRIPTION
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
I42.0	Dilated cardiomyopathy
I48.11	Longstanding persistent atrial fibrillation
I48.19	Other persistent atrial fibrillation
I48.20	Chronic atrial fibrillation, unspecified
I48.21	Permanent atrial fibrillation
I51.9	Heart disease, unspecified
I52	Other heart disorders in diseases classified elsewhere
I63.011	Cerebral infarction due to thrombosis of right vertebral artery
I63.012	Cerebral infarction due to thrombosis of left vertebral artery
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries
I63.02	Cerebral infarction due to thrombosis of basilar artery
I63.031	Cerebral infarction due to thrombosis of right carotid artery
I63.032	Cerebral infarction due to thrombosis of left carotid artery
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries
163.09	Cerebral infarction due to thrombosis of other precerebral artery
I63.111	Cerebral infarction due to embolism of right vertebral artery
I63.112	Cerebral infarction due to embolism of left vertebral artery
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries
I63.12	Cerebral infarction due to embolism of basilar artery
I63.131	Cerebral infarction due to embolism of right carotid artery
I63.132	Cerebral infarction due to embolism of left carotid artery
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries
I63.19	Cerebral infarction due to embolism of other precerebral artery
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid

CODE	DESCRIPTION
	arteries
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery
163.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery
163.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery
163.342	Cerebral infarction due to thrombosis of left cerebellar artery
163.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries
163.39	Cerebral infarction due to thrombosis of other cerebral artery
I63.411	Cerebral infarction due to embolism of right middle cerebral artery
I63.412	Cerebral infarction due to embolism of left middle cerebral artery
163.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries
163.421	Cerebral infarction due to embolism of right anterior cerebral artery
163.422	Cerebral infarction due to embolism of left anterior cerebral artery
163.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries
163.431	Cerebral infarction due to embolism of right posterior cerebral artery
163.432	Cerebral infarction due to embolism of left posterior cerebral artery
163.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries
163.441	Cerebral infarction due to embolism of right cerebellar artery
163.442	Cerebral infarction due to embolism of left cerebellar artery
163.443	Cerebral infarction due to embolism of bilateral cerebellar arteries
163.49	Cerebral infarction due to embolism of other cerebral artery
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery

CODE	DESCRIPTION
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery
163.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery
CODE	DESCRIPTION
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery
163.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries
163.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery
163.89	Other cerebral infarction
I63.9	Cerebral infarction, unspecified
I67.858	Other hereditary cerebrovascular disease
170.0	Atherosclerosis of aorta
170.1	Atherosclerosis of renal artery
170.201	Unspecified atherosclerosis of native arteries of extremities, right leg
170.202	Unspecified atherosclerosis of native arteries of extremities, left leg
170.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs
170.208	Unspecified atherosclerosis of native arteries of extremities, other extremity
I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
170.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg
I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication,

CODE	DESCRIPTION
	bilateral legs
170.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity
I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg
I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg
I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs
I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity
I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh
I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf
I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle
I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot
170.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower leg
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh
I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf
170.243	Atherosclerosis of native arteries of left leg with ulceration of ankle
170.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
170.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot
170.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower leg
170.25	Atherosclerosis of native arteries of other extremities with ulceration
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg
170.262	Atherosclerosis of native arteries of extremities with gangrene, left leg
170.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity
I70.291	Other atherosclerosis of native arteries of extremities, right leg
170.292	Other atherosclerosis of native arteries of extremities, left leg
I70.293	Other atherosclerosis of native arteries of extremities, bilateral legs
170.298	Other atherosclerosis of native arteries of extremities, other extremity
170.301	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg
170.302	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg

CODE	DESCRIPTION
170.303	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs
170.308	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity
170.311	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg
170.312	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg
170.313	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs
170.318	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity
170.321	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg
170.322	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg
170.323	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs
170.328	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity
170.331	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh
170.332	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf
170.333	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle
170.334	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot
170.335	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot
170.8	Atherosclerosis of other arteries
170.90	Unspecified atherosclerosis
I70.91	Generalized atherosclerosis
170.92	Chronic total occlusion of artery of the extremities
R00.2	Palpitations
R07.1	Chest pain on breathing

CODE	DESCRIPTION
R07.2	Precordial pain
R07.82	Intercostal pain
R07.89	Other chest pain
R07.9	Chest pain, unspecified
Z13.6	Encounter for screening for cardiovascular disorders
Z86.711	Personal history of pulmonary embolism
Z86.718	Personal history of other venous thrombosis and embolism
Z86.72	Personal history of thrombophlebitis
Z86.73	Personal history of transient ischemic attack (TIA), and cerebral infarction without residual deficits
Z86.74	Personal history of sudden cardiac arrest
Z86.79	Personal history of other diseases of the circulatory system

ICD-10-CM Codes that DO NOT Support Medical Necessity
Group 1 Paragraph:
N/A
Group 1 Codes:
N/A



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.

CODE	DESCRIPTION
999x	Not Applicable

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

Group 1 Paragraph:

N/A

Group 1 Codes:

N/A

Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
01/01/2023	R4	Under CPT/HCPCS Codes Group 1: Codes the description was revised for 83090. This revision is due to the 2023 Annual/Q1 CPT/HCPCS Code Update and is effective for dates of service on or after 1/1/2023.
10/01/2021	R3	Under ICD-10 Codes that Support Medical Necessity Group 1: codes added E75.249, E77.9, E78.49, I63.39. Codes added to correct typographical error.
10/01/2021	R2	Under ICD-10 Codes that Support Medical Necessity Group 1: Codes deleted I48.91, I63.00, I63.019, I63.039, I63.10, I63.119, I63.139, I63.20, I63.219, I63.239, I63.30, I63.319, I63.329, I63.339, I63.349, I63.40, I63.419, I63.429, I63.439, I63.449, I63.50, I63.519, I63.529, I63.539, I63.549, I70.209, I70.219, I70.229, I70.239, I70.249, I70.269, I70.299, I70.309, I70.319, I70.329. This revision will become effective 10/1/21.

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
		Under ICD-10 Codes that Support Medical Necessity Group 1: Codes added E75.244. This revision is due to the Annual ICD-10 update and is effective on 10/1/21.
		Under Article Text: Removal of claim information.
10/01/2019	R1	10/01/2019: This article is being revised in order to adhere to CMS requirements per chapter 13, section 13.5.1 of the Program Integrity Manual. Regulations regarding billing and coding were removed from the CMS National Coverage Policy section of the related MoIDX: Biomarkers in Cardiovascular Risk Assessment LCD and placed in this article.

Associated Documents

Related Local Coverage Documents

Articles

A55095 - Billing and Coding: MolDX: ApoE Genotype

A54976 - Billing and Coding: MolDX: Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy (ARVD/C) Testing

A54979 - Response to Comments: MolDX: Biomarkers in Cardiovascular Risk Assessment

LCDs

DL36360 - (MCD Archive Site)

DL36362 - (MCD Archive Site)

<u>L36362 - MolDX: Biomarkers in Cardiovascular Risk Assessment</u>

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
02/23/2023	01/01/2023 - N/A	Currently in Effect (This Version)

UPDATED ON	EFFECTIVE DATES	STATUS			
01/14/2022	10/01/2021 - 12/31/2022	Superseded			
12/28/2021	10/01/2021 - N/A	Superseded			
Some older versions have been archived. Please visit the MCD Archive Site to retrieve them.					

Keywords

N/A