

# Local Coverage Article: Billing and Coding: MoIDX: HLA Testing for Transplant Histocompatibility (A57972)

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## Contractor Information

CONTRACTOR NAME	CONTRACT TYPE	CONTRACT NUMBER	JURISDICTION	STATE(S)
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**

A57972

**Original Effective Date**

04/06/2020

**Article Title**

Billing and Coding: MoIDX: HLA Testing for Transplant  
Histocompatibility

**Article Type**

Billing and Coding

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**Revision Effective Date**

02/11/2021

**Revision Ending Date**

N/A

**Retirement Date**

N/A

# CMS National Coverage Policy

CMS Internet-Only Manual, Pub 100-04, Medicare Claims Processing Manual, Inpatient Hospital Billing, Chapter 3, Section 90 Billing Transplant Services

Title 42 CFR §412 Prospective Payment Systems for Inpatient Hospital Services

## Article Guidance

### Article Text:

Medicare covers the following solid organ transplants: kidney, heart, lung, heart/lung, liver, pancreas, pancreas/kidney, and intestinal/multi-visceral. Medicare also covers stem cell transplants for certain conditions.

Claims for CPT<sup>®</sup> codes used to describe Human Leukocyte Antigen (HLA) testing used for transplant histocompatibility testing will be denied. See below for further explanation on correct billing for these services. This does not refer to HLA testing for non-transplant services.

HLA testing for histocompatibility testing as part of transplantation are part of solid organ acquisition services.

Services for organ transplants must be billed as described in the Centers for Medicare and Medicaid Services (CMS) Internet-Only Manual, Pub 100-04, Medicare Claims Processing Manual, Inpatient Hospital Billing, Chapter 3 Section 90 and as described in the Electronic Code of Federal Regulations, Title 42, Public Health, Part 412 Prospective Payment Systems for Inpatient Hospital Services. The acquisition costs of hearts, kidneys, livers, lungs, pancreas, and intestines (or multivisceral organs) incurred by approved transplantation centers are paid on a reasonable cost basis by approved transplant centers; they are not billed as stand-alone laboratory services.

HLA typing is a component of the acquisition services for an allogeneic stem cell transplant as well. Payment for these acquisition services is included in the MS-DRG payment for the allogeneic stem cell transplant when the transplant occurs in the inpatient setting and in the OPPOS APC payment for the allogeneic stem cell transplant when the transplant occurs in the outpatient setting. The Medicare contractor does not make separate payment for these acquisition services, because hospitals may bill and receive payment only for services provided to the Medicare beneficiary who is the recipient of the stem cell transplant and whose illness is being treated with the stem cell transplant. Unlike the acquisition costs of solid organs for transplant (e.g., hearts and kidneys), which are paid on a reasonable cost basis, acquisition costs for allogeneic stem cells are included in prospective payment.

Acquisition charges do not apply to autologous transplants.

HLA CPT<sup>®</sup> codes **unrelated to transplant testing** have coverage as outlined in the following Local Coverage Determinations (LCDs):

- CPT<sup>®</sup> 81381- The MoIDX: Pharmacogenomics Testing L38337 LCD addresses limited coverage for gene-drug interactions.
- CPT<sup>®</sup> 81383 - The MoIDX: HLA-DQB1\*06:02 Testing for Narcolepsy L36544 LCD addresses non-coverage of HLA-DQB1\*06:02 typing for the diagnosis or management of narcolepsy.

# Coding Information

## CPT/HCPCS Codes

### Group 1 Paragraph:

The following codes are not covered

### Group 1 Codes:

CODE	DESCRIPTION
81370	HLA CLASS I AND II TYPING, LOW RESOLUTION (EG, ANTIGEN EQUIVALENTS); HLA-A, -B, -C, -DRB1/3/4/5, AND -DQB1
81371	HLA CLASS I AND II TYPING, LOW RESOLUTION (EG, ANTIGEN EQUIVALENTS); HLA-A, -B, AND -DRB1 (EG, VERIFICATION TYPING)
81372	HLA CLASS I TYPING, LOW RESOLUTION (EG, ANTIGEN EQUIVALENTS); COMPLETE (IE, HLA-A, -B, AND -C)
81373	HLA CLASS I TYPING, LOW RESOLUTION (EG, ANTIGEN EQUIVALENTS); ONE LOCUS (EG, HLA-A, -B, OR -C), EACH
81375	HLA CLASS II TYPING, LOW RESOLUTION (EG, ANTIGEN EQUIVALENTS); HLA-DRB1/3/4/5 AND -DQB1
81376	HLA CLASS II TYPING, LOW RESOLUTION (EG, ANTIGEN EQUIVALENTS); ONE LOCUS (EG, HLA-DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, OR -DPA1), EACH
81378	HLA CLASS I AND II TYPING, HIGH RESOLUTION (IE, ALLELES OR ALLELE GROUPS), HLA-A, -B, -C, AND -DRB1
81379	HLA CLASS I TYPING, HIGH RESOLUTION (IE, ALLELES OR ALLELE GROUPS); COMPLETE (IE, HLA-A, -B, AND -C)
81380	HLA CLASS I TYPING, HIGH RESOLUTION (IE, ALLELES OR ALLELE GROUPS); ONE LOCUS (EG, HLA-A, -B, OR -C), EACH
81382	HLA CLASS II TYPING, HIGH RESOLUTION (IE, ALLELES OR ALLELE GROUPS); ONE LOCUS (EG, HLA-DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, OR -DPA1), EACH

## CPT/HCPCS Modifiers

### Group 1 Paragraph:

N/A

### Group 1 Codes:

N/A

**ICD-10 Codes that Support Medical Necessity****Group 1 Paragraph:**

N/A

**Group 1 Codes:**

N/A

**ICD-10 Codes that DO NOT Support Medical Necessity****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 policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy 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 policy, 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 policy 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

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## Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
02/11/2021	R1	Under <b>Article Text</b> first bullet point revised verbiage to read "The MoIDX: Pharmacogenomics Testing L38337 LCD addresses limited coverage for gene-drug interactions."

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## Associated Documents

**Related Local Coverage Document(s)**

N/A

**Related National Coverage Document(s)**

N/A

**Statutory Requirements URL(s)**

N/A

**Rules and Regulations URL(s)**

N/A

**CMS Manual Explanations URL(s)**

N/A

**Other URL(s)**

N/A

**Public Version(s)**

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## Keywords

N/A