

# Article - Billing and Coding: MolDX: HLA Testing for Transplant Histocompatibility (A57972)

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
<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**  
A57972

**Article Title**

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

CPT codes, descriptions and other data only are copyright 2021 American Medical Association. All Rights Reserved. Applicable FARS/HHSARS apply.

Billing and Coding: MoIDX: HLA Testing for Transplant  
Histocompatibility

## Article Type

Billing and Coding

## Original Effective Date

04/06/2020

## Revision Effective Date

12/17/2021

## 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 © 2021 American Dental Association. All rights reserved.

Copyright © 2013 - 2021, the American Hospital Association, Chicago, Illinois. Reproduced by CMS 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-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. You may also contact us at ub04@aha.org.

## 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® 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® codes **unrelated to transplant testing** have coverage as outlined in the following Local Coverage Determinations (LCDs):

- CPT® 81381- The MoIDX: Pharmacogenomics Testing L38337 LCD addresses limited coverage for gene-drug interactions.
- CPT® 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: (10 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

CODE	DESCRIPTION
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-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	R2	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.
02/11/2021	R1	Under <b>Article Text</b> first bullet point revised verbiage to read "The MoIDX:

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
		Pharmacogenomics Testing L38337 LCD addresses limited coverage for gene-drug interactions.”

## 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
02/25/2022	12/17/2021 - N/A	Currently in Effect (This Version)
03/17/2021	02/11/2021 - 12/16/2021	Superseded

Some older versions have been archived.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

## Keywords

N/A