

Donor Histocompatibility

Donor Histocompatibility (DHS) records are generated as soon as the donor feedback process is completed in DonorNet[®], or for a living donor, after living donor feedback is completed in Tiedi[®]. The Donor Histocompatibility record is to be completed by the histocompatibility laboratory responsible for performing tissue typing for deceased and living donors. This record is not required for imported organs.

View [OPTN/UNOS Policy on Data Submission Requirements](#) for additional information.

To correct information that is already displayed in an electronic record, call 1-800-978-4334.

Provider Information

Lab: The lab reported in the Donor Feedback page in DonorNet will display. Verify that the displayed histocompatibility laboratory provider number is the 6-character medicare identification number, and that the displayed center code and center name are for the laboratory responsible for the tissue typing of the donor.

OPO: The OPO reported in the Donor Feedback will display. Verify that the displayed OPO provider number, OPO code and name are for the OPO responsible for the donor.

Donor Information

The following information reported in the Donor Feedback, will display in this section. Verify that the information displayed for each field is correct.

Donor Name: Verify the last name and first name of the donor.

UNOS Donor ID #: Each donor is assigned a unique donor identification number by OPTN/UNOS. This ID number corresponds to the date the donor information was entered into the OPTN/UNOS computer system. For deceased donors, verify that the displayed 7-character Donor ID corresponds to the Donor ID found on the match run used to allocate the organ(s).

Donor Type: Verify that the correct donor type is displayed.

Deceased indicates the donor was not living at the time of donation.

Living indicates the donor was living at the time of donation.

Donor Center Histocompatibility Typing

Donor HLA Typed: Select **Yes** if HLA typing was performed on this donor, and complete the remainder of this record. Select **No** if HLA typing was not performed. If **No** or **UNK** is selected, the remainder of this section is not required.

Date Typing Complete Class I and Class II: Enter the date that the donor was tissue typed for Class I and/or Class II antigens by the histocompatibility laboratory. Use the standard 8 digit numeric format of MM/DD/YYYY.

Target Source for Class I and Class II: Select the source of the target cells for Class I and/or Class II antigens.

Peripheral Blood
Lymph Nodes
Spleen
Thymocytes
Cell Lines/Clonal Cells
Solid Matrix

Typing Method Class I and Typing Method Class II: Select the antigen from the list. When known, it is preferable to enter the split of an antigen rather than the parent. If the second

antigen at a locus is blank, select **No second antigen detected**. Only select **Not tested** when the locus is not tested.

A Locus Codes: 1, 2, 3, 9, 10, 11, 19, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 36, 43, 66, 68, 69, 74, 80, 203, 210, 2403, 6601, 6602, Unknown, No second antigen detected, Not Tested

B Locus Codes: 5, 7, 8, 12, 13, 14, 15, 16, 17, 18, 21, 22, 27, 35, 37, 38, 39, 40, 41, 42, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 67, 70, 71, 72, 73, 75, 76, 77, 78, 81, 703, 804, 1304, 2708, 3901, 3902, 3905, 4005, 5102, 5103, 8201, Unknown, No second antigen detected, Not Tested

CW HLA Codes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, No second antigen detected, Not tested, No antigen detected

DP HLA Codes: 1, 2, 3, 4, 5, 6, No second antigen detected, Not tested

DQ HLA Codes: 1, 2, 3, 4, 5, 6, 7, 8, 9, No second antigen detected, Not tested,

DR Locus Codes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 103, 1403, 1404, No second antigen detected, Not tested

Note: "Not tested" is not a valid option for the DR Locus Codes for kidney, pancreas or kidney/pancreas recipients on a kidney record.

Workgroup HLA Codes: (Bw4, Bw6, DR51, DR52, DR53 Codes) Positive, Negative, Not Tested

Recipient of a Living Donor Information

This section is only necessary for living donors.

The living recipient **Name**, **SSN**, **Organ**, **Transplant Date** and **Transplant Center** information reported on the Living Donor Feedback are provided for reference.

Haplotype Match: Select the one choice indicating the haplotype match between the living donor and the recipient.

0

.5

1

1.5

2

N/A Living Donor - Not Typed

N/A Unrelated Donor

Unknown

Assignment of a .5 or 1.5 haplotype match means that either the recipient or the donor inherited a "recombinant" HLA chromosome from his/her mother or father. If the other haplotype is shared between the donor and recipient they will share 1.5 haplotypes; if it is not shared, they will share .5 haplotypes. Select only one choice.