



Confirmation of HLA Typing

Registry Use Only

Sequence Number: _____

Date Received: _____

OMB No: 0915-0310

Expiration Date: 10/31/2022

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CIBMTR Center Number: _____

CIBMTR Research ID: _____

Event date: __ __ __ __ / __ __ / __ __
 YYYY MM DD**Product Identifiers:**

Registry donor ID: _____

Non-NMDP cord blood unit ID: _____

GRID: _____

ISBT DIN: _____

Registry or UCB Bank ID: _____

Donor DOB: __ YYYY__ / MM / DD

Donor Age: __ __ Months (use only if less than 1 year old) YearsDonor Sex Male Female

Donor/Cord Blood Unit Identification

This form must be completed for all non-NMDP allogeneic or syngeneic donors or recipients, or non-NMDP cord blood units. If the donor, recipient, or cord blood unit was secured through the NMDP, then report HLA typing on the appropriate NMDP forms.

A separate copy of this form should be completed for each non-NMDP donor, recipient, or cord blood unit.

1. Specify the person for whom this typing is being done Recipient — final typing Donor

HLA Typing by DNA Technology

2. Was documentation submitted to the CIBMTR? (e.g. lab report) Yes No

HLA Alleles Defined by DNA Technology (e.g., Sequence Specific Oligonucleotide Probe (SSOP) typing, Sequence Specific Primer (SSP) typing or Sequence Based (SBT) typing.)

DNA technology can be used to type for a single allele, combinations of alleles (allele strings) or a “generic” allele designation which is similar to a serologic typing result. For this reason, the number of digits, as well as the number of alleles, for reporting will vary.

Laboratories may use “ / ”, “ - ” or a combination of numbers and letters on the typing report as a shorthand notation for the results. Transcribe the information onto the form as directly as possible. The letters are called allele codes, and will be 1 or more characters in length which represent a combination of possible alleles at a locus. The same allele combination may be reported several different ways (e.g., DRB1*01:01 or 01:02, DRB1*01:01/01:02, DRB1*01:01/02, or DRB1*01:AB).

There will be two alleles reported for each locus, unless the individual is presumed homozygous (i.e., carries two copies of the same allele) at a locus. Transcribe the first allele designation in the first box, and the second allele designation in the second box. If the person is homozygous, leave the second box blank.

Class I

3. Locus A Known →
 Unknown

4.	First A* allele designations
	Second A* allele designations

5. Locus B Known →
 Unknown

6.	First B* allele designations
	Second B* allele designations

7. Locus C Known →
 Unknown

8.	First C* allele designations
	Second C* allele designations

Class II

9. Locus DRB1

Known

Unknown

10. First DRB1* allele designations

Second DRB1* allele designations

Class II (Optional)

Please provide the optional allele information if it is available from your laboratory

11. Locus DRB3

Known

Unknown

12. First DRB3* allele designations

Second DRB3* allele designations

13. Locus DRB4

Known

Unknown

14. First DRB4* allele designations

Second DRB4* allele designations

15. Locus DRB5

Known

Unknown

16. First DRB5* allele designations

Second DRB5* allele designations

17. Locus DQB1

Known

Unknown

18. First DQB1* allele designations

Second DQB1* allele designations

19. Locus DPB1 <input type="checkbox"/> Known → <input type="checkbox"/> Unknown	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">20. First DPB1* allele designations</td> </tr> <tr> <td style="padding: 5px;">Second DPB1* allele designations</td> </tr> </table>	20. First DPB1* allele designations	Second DPB1* allele designations
20. First DPB1* allele designations			
Second DPB1* allele designations			
21. Locus DQA1 <input type="checkbox"/> Known → <input type="checkbox"/> Unknown	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">22. First DQA1* allele designations</td> </tr> <tr> <td style="padding: 5px;">Second DQA1* allele designations</td> </tr> </table>	22. First DQA1* allele designations	Second DQA1* allele designations
22. First DQA1* allele designations			
Second DQA1* allele designations			
23. Locus DPA1 <input type="checkbox"/> Known → <input type="checkbox"/> Unknown	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">24. First DPA1* allele designations</td> </tr> <tr> <td style="padding: 5px;">Second DPA1* allele designations</td> </tr> </table>	24. First DPA1* allele designations	Second DPA1* allele designations
24. First DPA1* allele designations			
Second DPA1* allele designations			

Antigens Defined by Serologic Typing

Use the following lists when reporting HLA-A and B antigens. Report broad antigens only when your laboratory was not able to confirm typing for a known split antigen.

Instructions for the use of the "X" Antigen Specificity for Typing By Serology

Each HLA locus has a serologically defined "X" antigen specificity: AX, BX, CX, DRX, DPX, and DQX. At this time an "X" specificity is defined as "unknown but known to be different from the other antigen at that locus." This is different from a blank specificity, which is defined as "unknown but assumed to be the same as the other antigen at that locus." When comparisons between recipient and donor antigens involve an "X" or "blank" specificity, the "X" or "blank" is assumed to be homozygous for the antigen reported at the locus. In other words, the search algorithm treats typings containing "blank" or "X" antigens in the same manner as known homozygous typings.

A Antigens

25. Number of antigens provided

- One - **Go to question 26, then continue with question 28**
- Two - **Go to questions 26-27**

26. Specificity – 1st antigen

- A1
- A2
- A203
- A210
- A3

- A9
- A10
- A11
- A19
- A23(9)
- A24(9)
- A2403
- A25(10)
- A26(10)
- A28
- A29(19)
- A30(19)
- A31(19)
- A32(19)
- A33(19)
- A34(10)
- A36
- A43
- A66(10)
- A68(28)
- A69(28)
- A74(19)
- A80
- AX

27. Specificity – 2nd antigen

- A1
- A2
- A203
- A210
- A3
- A9
- A10
- A11
- A19
- A23(9)
- A24(9)
- A2403
- A25(10)
- A26(10)
- A28
- A29(19)
- A30(19)

- A31(19)
- A32(19)
- A33(19)
- A34(10)
- A36
- A43
- A66(10)
- A68(28)
- A69(28)
- A74(19)
- A80
- AX

B Antigens

28. Number of antigens provided

- One - **Go to question 29, then continue with question 31**
- Two - **Go to questions 29-30**

29. Specificity – 1st antigen

- B5
- B7
- B703
- B8
- B12
- B13
- B14
- B15
- B16
- B17
- B18
- B21
- B22
- B27
- B2708
- B35
- B37
- B38(16)
- B39(16)
- B3901
- B3902
- B40
- B4005
- B41
- B42

- B44(12)
- B45(12)
- B46
- B47
- B48
- B49(21)
- B50(21)
- B51(5)
- B5102
- B5103
- B52(5)
- B53
- B54(22)
- B55(22)
- B56(22)
- B57(17)
- B58(17)
- B59
- B60(40)
- B61(40)
- B62(15)
- B63(15)
- B64(14)
- B65(14)
- B67
- B70
- B71(70)
- B72(70)
- B73
- B75(15)
- B76(15)
- B77(15)
- B78
- B81
- B82
- BX

30. Specificity – 2nd antigen

- B5
- B7
- B703
- B8
- B12

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- B13
- B14
- B15
- B16
- B17
- B18
- B21
- B22
- B27
- B2708
- B35
- B37
- B38(16)
- B39(16)
- B3901
- B3902
- B40
- B4005
- B41
- B42
- B44(12)
- B45(12)
- B46
- B47
- B48
- B49(21)
- B50(21)
- B51(5)
- B5102
- B5103
- B52(5)
- B53
- B54(22)
- B55(22)
- B56(22)
- B57(17)
- B58(17)
- B59
- B60(40)
- B61(40)
- B62(15)
- B63(15)
- B64(14)
- B65(14)

- B67
- B70
- B71(70)
- B72(70)
- B73
- B75(15)
- B76(15)
- B77(15)
- B78
- B81
- B82
- BX

Optional Antigen Reporting

Please provide the following optional antigen information if it is available from your laboratory.

Antigens Defined by Serologic Typing

C Antigens

31. Number of antigens provided:

- One - **Go to question 32, then continue with question 34**
- Two - **Go to questions 32-33**

32. Specificity – 1st antigen

- Cw1
- Cw2
- Cw3
- Cw4
- Cw5
- Cw6
- Cw7
- Cw8
- Cw9(w3)
- Cw10(w3)
- CX

33. Specificity – 2nd antigen

- Cw1
- Cw2
- Cw3
- Cw4
- Cw5
- Cw6

- Cw7
- Cw8
- Cw9(w3)
- Cw10(w3)
- CX

Bw Specificity

34. Specificity Bw4 present?

 Yes No

35. Specificity Bw6 present?

 Yes No**DR Antigen**

36. Number of antigens provided

- One - **Go to question 37, then continue with question 39**
- Two - **Go to questions 37-38**

37. Specificity – 1st antigen

- DR1
- DR103
- DR2
- DR3
- DR4
- DR5
- DR6
- DR7
- DR8
- DR9
- DR10
- DR11(5)
- DR12(5)
- DR13(6)
- DR14(6)
- DR1403
- DR1404
- DR15(2)
- DR16(2)
- DR17(3)
- DR18(3)
- DRX

38. Specificity – 2nd antigen

- DR1
- DR103
- DR2

- DR3
- DR4
- DR5
- DR6
- DR7
- DR8
- DR9
- DR10
- DR11(5)
- DR12(5)
- DR13(6)
- DR14(6)
- DR1403
- DR1404
- DR15(2)
- DR16(2)
- DR17(3)
- DR18(3)
- DRX

DR51 Antigen

39. Specificity DR51 present?

 Yes No**DR52 Antigen**

40. Specificity DR52 present?

 Yes No**DR53 Antigen**

41. Specificity DR53 present?

 Yes No**DQ Antigens**

42. Number of antigens provided

- One - **Go to question 43, then continue with question 45**
- Two - **Go to questions 43-44**

43. Specificity – 1st antigen

- DQ1
- DQ2
- DQ3
- DQ4
- DQ5(1)
- DQ6(1)
- DQ7(3)
- DQ8(3)

- DQ9(3)
- DQX

44. Specificity – 2nd antigen

- DQ1
- DQ2
- DQ3
- DQ4
- DQ5(1)
- DQ6(1)
- DQ7(3)
- DQ8(3)
- DQ9(3)
- DQX

DP Antigens

45. Number of antigens provided

- One - **Go to question 46, then continue with signature line**
- Two - **Go to questions 46-47**

46. Specificity – 1st antigen

- DPw1
- DPw2
- DPw3
- DPw4
- DPw5
- DPw6
- DPX

47. Specificity – 2nd antigen

- DPw1
- DPw2
- DPw3
- DPw4
- DPw5
- DPw6
- DPX

First Name (person completing form): _____

Last Name: _____

E-mail address: _____

Date: __ __ / __ __ / __ __
YYYY MM DD