Confirmation of HLA Typing

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A RESEARCH COLLABORATION BETWEEN THE MEDICAL COLLEGE OF WISCONSIN AND NMDP

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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: __ __ __ __ __ __ __ __ __ __ __ __ __ __ __

Global Registration Identifier for Donors (GRID): __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __

Registry or UCB Bank ID: __ __ __ __

Donor DOB: __ __ __ __ - __ __ - __ __

YYYY MM DD

Donor age: __ __ ☐ Months (use only if less than 1 year old)

☐ Years

Donor sex ☐ Male ☐ Female

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CIBMTR Center Number: ___ ___ ___ ___ ___ CIBMTR Research ID: ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

Donor / Cord Blood Unit Identification

This form must be completed for all recipients, related donors (except Syngeneic & HLA-Identical), non-NMDP allogeneic donors, or non-NMDP cord blood units. If the donor or cord blood unit was secured through the NMDP and the recipient has an NMDP RID, then report HLA typing on the appropriate NMDP forms.

Minimum required typing: HLA-A, -B, -C, -DRB1. Optimum: HLA-A, -B, -C, -DRB1, -DRB3/4/5, -DQA1, -DQB1, -DPA1 and –DPB1

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

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

HLA Typing by DNA Technology

CIBMTR strongly encourages attaching the HLA laboratory report.

Class I

2. Locus A
   - ☐ Known – ***Go to question 3***
   - ☐ Unknown – ***Go to question 4***

3. First A* allele designations: _____

   Second A* allele designations: _____

4. Locus B
   - ☐ Known – ***Go to question 5***
   - ☐ Unknown – ***Go to question 6***

5. First B* allele designations: _____

   Second B* allele designations: _____

6. Locus C
   - ☐ Known – ***Go to question 7***

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☐ Unknown – ***Go to question 8***

7. First C* allele designations: _____

Second C* allele designations: _____

Class II

8. Locus DRB1

☐ Known – ***Go to question 9***

☐ Unknown – ***Go to question 10***

9. First DRB1* allele designations: _____

Second DRB1* allele designations: _____

10. Locus DRB3

☐ Known – ***Go to question 11***

☐ Unknown – ***Go to question 12***

11. First DRB3* allele designations: _____

Second DRB3* allele designations: _____

12. Locus DRB4

☐ Known – ***Go to question 13***

☐ Unknown – ***Go to question 14***

13. First DRB4* allele designations: _____

Second DRB4* allele designations: _____

14. Locus DRB5

☐ Known – ***Go to question 15***

☐ Unknown – ***Go to question 16***

15. First DRB5* allele designations: _____

Second DRB5* allele designations: _____

16. Locus DQB1

☐ Known – ***Go to question 17***

☐ Unknown – ***Go to question 18***

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17. First DQB1* allele designations: _____

Second DQB1* allele designations: _____

18. Locus DPB1

☐ Known – ***Go to question 19***

☐ Unknown – ***Go to question 20***

19. First DPB1* allele designations: _____

Second DPB1* allele designations: _____

20. Locus DQA1

☐ Known – ***Go to question 21***

☐ Unknown – ***Go to question 22***

21. First DQA1* allele designations: _____

Second DQA1* allele designations: _____

22. Locus DPA1

☐ Known – ***Go to question 23***

☐ Unknown – ***Go to question 24***

23. 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."

A Antigens

24. Number of antigens provided

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- ☐ One – ***Go to question 25, then continue with question 27***
- ☐ Two – ***Go to questions 25-26***

25. 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

26. Specificity – 2nd antigen
    - ☐ A1
    - ☐ A2

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- ☐ 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

27. Number of antigens provided

- ☐ One – ***Go to question 28, then continue with question 30***
- ☐ Two – ***Go to questions 28-29***

28. Specificity – 1st antigen

- ☐ B5
- ☐ B7

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- ☐ 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)

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- ☐ 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

29. Specificity – 2nd antigen

- ☐ B5
- ☐ B7
- ☐ B703
- ☐ B8
- ☐ B12
- ☐ B13
- ☐ B14
- ☐ B15
- ☐ B16
- ☐ B17

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- ☐ 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)

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- ☐ 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

30. Number of antigens provided
    - ☐ One – ***Go to question 31, then continue with question 33***
    - ☐ Two – ***Go to questions 31-32***

31. Specificity – 1st antigen
    - ☐ Cw1
    - ☐ Cw2
    - ☐ Cw3
    - ☐ Cw4
    - ☐ Cw5
    - ☐ Cw6
    - ☐ Cw7
    - ☐ Cw8
    - ☐ Cw9(w3)

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- ☐ Cw10(w3)
- ☐ CX

32. Specificity – 2nd antigen

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

Bw Specificity

33. Specificity Bw4 present?

- ☐ Yes
- ☐ No

34. Specificity Bw6 present?

- ☐ Yes
- ☐ No

DR Antigens

35. Number of antigens provided

- ☐ One – ***Go to question 36, then continue with question 38***
- ☐ Two – ***Go to questions 36-37***

36. Specificity – 1st antigen

- ☐ DR1
- ☐ DR103
- ☐ DR2
- ☐ DR3
- ☐ DR4
- ☐ DR5

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

37. 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)

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- ☐ DR16(2)
- ☐ DR17(3)
- ☐ DR18(3)
- ☐ DRX

DR51 Antigen

38. Specificity DR51 present?
    - ☐ Yes
    - ☐ No

DR52 Antigen

39. Specificity DR52 present?
    - ☐ Yes
    - ☐ No

DR53 Antigen

40. Specificity DR53 present?
    - ☐ Yes
    - ☐ No

DQ Antigens

41. Number of antigens provided
    - ☐ One – ***Go to question 42, then continue with question 44***
    - ☐ Two – ***Go to questions 42-43***

42. Specificity – 1st antigen
    - ☐ DQ1
    - ☐ DQ2
    - ☐ DQ3
    - ☐ DQ4
    - ☐ DQ5(1)
    - ☐ DQ6(1)
    - ☐ DQ7(3)
    - ☐ DQ8(3)

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- ☐ DQ9(3)
- ☐ DQX

43. Specificity – 2nd antigen
    - ☐ DQ1
    - ☐ DQ2
    - ☐ DQ3
    - ☐ DQ4
    - ☐ DQ5(1)
    - ☐ DQ6(1)
    - ☐ DQ7(3)
    - ☐ DQ8(3)
    - ☐ DQ9(3)
    - ☐ DQX

DP Antigens

44. Number of antigens provided
    - ☐ One – ***Go to question 45, then continue end of form***
    - ☐ Two – ***Go to questions 45-46***

45. Specificity – 1st antigen
    - ☐ DPw1
    - ☐ DPw2
    - ☐ DPw3
    - ☐ DPw4
    - ☐ DPw5
    - ☐ DPw6
    - ☐ DPX

46. Specificity – 2nd antigen
    - ☐ DPw1
    - ☐ DPw2
    - ☐ DPw3
    - ☐ DPw4
    - ☐ DPw5
    - ☐ DPw6

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☐ DPX

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