Form 2005 R6.0: Confirmation of HLA Typing

Center: CRID:

Key Fields

OMB No: 0915-0310

Expiration Date: 1/31/2020

Sequence Number: _____

Date Received: __ __ __ __ - __ __- __ __

CIBMTR Center Number: _____

CIBMTR Research ID: _____

Event date: __ __ __ __ - __ __- __ __

HCT type: (check all that apply)

- ☐ Autologous
- ☐ Allogeneic, unrelated
- ☐ Allogeneic, related

Product type: (check all that apply)

- ☐ Bone marrow
- ☐ PBSC
- ☐ Single cord blood unit
- ☐ Multiple cord blood units
- ☐ Other product

Specify: _____

Donor/Cord Blood Unit Identification

Questions: 1 - 12

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. Parental typing (maternal and paternal) should be submitted for all mismatched related donor transplants (CRF track only), if available. Cord blood maternal typing should be submitted for all unrelated cord blood transplants (CRF track only), if available.

1 Specify the person for whom this typing is being done _____

2 Non-NMDP unrelated donor ID: _____ (not applicable for related donor)

3 Non-NMDP cord blood unit ID: _____ (include related and autologous CBUs)

4 Is the cord blood unit maternal HLA typing available?

- ○ yes **-Complete form 2005 to report cord blood unit maternal HLA typing**
- ○ no

5 Specify recipient's biological relative and typing _____

6 Specify other biological relative and typing: _____

7 Date of birth (donor/infant)

○ Known ○ Unknown

8 Date of birth: __ __ __ __ - __ __- __ __ (donor/infant)

9 Age (donor/infant)

○ Known ○ Unknown

10 Age: _____ (donor/infant)

- ○ Months (use if less than 1 year old)
- ○ years

11 Sex (donor/infant)

○ male ○ female

12 Was the person for whom this typing is being done used as the donor?

○ yes ○ no

HLA Typing by DNA Technology

Questions: 13 - 35

13 Was documentation submitted to the CIBMTR?

○ Yes ○ No

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Center: CRID:

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

14 Locus A

○ Known ○ Unknown

15 First A* allele designations: _____ Second A* allele designations: _____

16 Locus B

○ Known ○ Unknown

17 First B* allele designations: _____ Second B* allele designations: _____

18 Locus C

○ Known ○ Unknown

19 First C* allele designations: _____ Second C* allele designations: _____

Class II

20 Locus DRB1

○ Known ○ Unknown

21 First DRB1* allele designations: _____ Second DRB1* allele designations: _____

Class II (Optional)

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

22 Locus DRB3

○ Known ○ Unknown

23 First DRB3* allele designations: _____ Second DRB3* allele designations: _____

24 Locus DRB4

○ Known ○ Unknown

25 First DRB4* allele designations: _____ Second DRB4* allele designations: _____

26 Locus DRB5

○ Known ○ Unknown

27 First DRB5* allele designations: _____ Second DRB5* allele designations: _____

28 Locus DQB1

○ Known ○ Unknown

29 First DQB1* allele designations: _____ Second DQB1* allele designations: _____

30 Locus DPB1

○ Known ○ Unknown

31 First DPB1* allele designations: _____ Second DPB1* allele designations: _____

32 Locus DQA1

○ Known ○ Unknown

33 First DQA1* allele designations: _____ Second DQA1* allele designations: _____

34 Locus DPA1

○ Known ○ Unknown

35 First DPA1* allele designations: _____ Second DPA1* allele designations: _____

Antigens Defined by Serologic Typing

Questions: 36 - 41

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

36 Number of antigens provided

○ one ○ two

37 Specificity – 1st antigen _____

38 Specificity – 2nd antigen _____

B Antigens

39 Number of antigens provided

○ one ○ two

40 Specificity – 1st antigen _____

41 Specificity – 2nd antigen _____

Optional Antigen Reporting

Questions: 42 - 58

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

Antigens Defined by Serologic Typing

C Antigens

42 Number of antigens provided

○ one ○ two

43 Specificity – 1st antigen _____

44 Specificity – 2nd antigen _____

Bw Specificity

45 Specificity Bw4 present?

○ yes ○ no

46 Specificity Bw6 present?

○ yes ○ no

DR Antigens

47 Number of antigens provided

○ one ○ two

48 Specificity – 1st antigen _____

49 Specificity – 2nd antigen _____

DR51 Specificity

50 Specificity DR51 present?

○ yes ○ no

DR52 Antigen

51 Specificity DR52 present?

○ yes ○ no

DR53 Antigen

52 Specificity DR53 present?

○ yes ○ no

DQ Antigens

53 Number of antigens provided

○ one ○ two

54 Specificity – 1st antigen _____

55 Specificity – 2nd antigen _____

DP Antigens

56 Number of antigens provided

○ one ○ two

57 Specificity – 1st antigen _____

58 Specificity – 2nd antigen _____

First Name: _____

Last Name: _____

E-mail address: _____

Date: __ __ __ __ - __ __ - __ __