

OPTN/UNOS Policy Notice

Adding HLA DQA1 Unacceptable Antigen Equivalences Table – Removal of DQA1*04:03N

Sponsoring Committee: Histocompatibility Committee
Policy/Bylaws Affected: Policy 4.10 (Reference Tables of HLA Antigen Values and Split Equivalencies)
Public Comment: No
Effective Date: Pending implementation and notice to OPTN members

Problem Statement

During the implementation of the project to add an HLA DQA1 unacceptable antigen equivalences table, Committee leadership and UNOS staff recognized an error. The DQA1*04:03N allele should not have been included in the unacceptable antigen table, as it is biologically impossible to produce an antibody against DQA1*04:03N. Removing DQA1*04:03N from the unacceptable antigen equivalences prevents members from selecting an unacceptable antigen that does not exist and makes reporting more accurate.

Summary of Changes

This clarification removes DQA1*04:03N from *Table 4-12: HLA DQA1 Unacceptable Antigen Equivalences* in policy.

What Members Need to Do

Members will need to familiarize themselves with the changes to the equivalency tables. DQA1*04:03N will not appear in policy when the project is fully implemented in August 2017.

Affected Policy Language

New language is underlined (example) and language that is deleted is struck through (~~example~~).

4.10 Reference Tables of HLA Antigen Values and Split Equivalences

Table 4-12: HLA DQA1 Unacceptable Antigen Equivalences

<i>Candidate Unacceptable DQA1-Locus Antigen</i>	<i>Donor Equivalent Antigens</i>
01	01, 01:01, 01:02, 01:03, 01:04, 01:05, 01:06, 01:07, 01:08, 01:09, 01:10, 01:11, 01:12
01:01	01:01
01:02	01:02
01:03	01:03
01:04	01:04

<i>Candidate Unacceptable DQA1-Locus Antigen</i>	<i>Donor Equivalent Antigens</i>
01:05	01:05
01:06	01:06
01:07	01:07
01:08	01:08
01:09	01:09
01:10	01:10
01:11	01:11
01:12	01:12
02	02, 02:01
02:01	02:01
03	03, 03:01, 03:02, 03:03
03:01	03:01
03:02	03:02
03:03	03:03
04	04, 04:01, 04:02, 04:04
04:01	04:01
04:02	04:02
04:03N	04:03N
04:04	04:04
05	05, 05:01, 05:02, 05:03, 05:04, 05:05, 05:06, 05:07, 05:08, 05:09, 05:10, 05:11
05:01	05:01
05:02	05:02
05:03	05:03
05:04	05:04
05:05	05:05
05:06	05:06
05:07	05:07
05:08	05:08
05:09	05:09
05:10	05:10
05:11	05:11
06	06, 06:01, 06:02
06:01	06:01
06:02	06:02

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