

HLA TYPING REPORT

Patient Information

Last Name	: Farrell	Date Of Birth	: 17-Mar-1978
First Name	: Tricia	Histo ID	: H86062
Hospital	: NewYork-Presbyterian Hospital Weill Cornell Medical Center	MR#	: 89616604
Physician	: Dr Adrienne Phillips		
Diagnosis	: lymphoma	Received On	: 10-Feb-2020
Specimen Type	: Whole Blood	Collected On	: 05-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:01:01G	15:01:01G	02:10:01G	11:01:02	NA	03:19	NA	01:01:01G	NA
23:01:01G	15:03:01G	03:03:01G	13:01:01G	NA	06:03:01G	NA	04:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*02:43N,A*02:83N,A*02:305N,A*02:356N,A*02:608N,A*02:675N,A*02:691N,A*02:793N,A*02:832N,A*02:871N,A*23:07N,A*23:91N,B*15:01:01:02N,B*15:483N,C*02:169N,C*03:380N,C*03:432N,DQB1*03:84N,DQB1*03:276N,DQB1*03:338N,DQB1*03:340N,DQB1*03:358N,DQB1*03:376N,DQB1*03:385N,DQB1*03:400N,DPB1*754:01N,DPB1*756:01N,DPB1*800:01N,DPB1*862:01N,DPB1*974:01N excluded

Donor(s) Results

Last Name/URD#	: NMDP	Date Of Birth	: NA
First Name	: 105227151	Histo ID	: H86593
Relation	: URD	Received On	: 26-Feb-2020
Specimen Type	: Whole Blood	Collected On	: 25-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:01:01G		02:10:01G	11:01:02	NA	06:02:01G	NA	01:01:02G	NA
23:01:01G		03:03:01G	13:01:01G	NA	06:03:01G	NA	04:01:01G	NA

Typing Status : HLA-B is pending and not considered for matching

Matching Ratio with Patient : 9/10 Mismatched Locus : DQB1

Null Allele Resolution Status : A*02:43N,A*02:83N,A*02:305N,A*02:356N,A*02:608N,A*02:675N,A*02:691N,A*02:793N,A*02:832N,A*02:871N,A*23:07N,A*23:91N,C*02:169N,C*03:380N,C*03:432N,DQB1*06:216N,DQB1*06:304N,DQB1*06:308N,DQB1*06:317N,DPB1*754:01N,DPB1*756:01N,DPB1*866:01N,DPB1*974:01N excluded

Note:

1. Match ratio to Patient: Based on protein level in ARS (Exon 2 and 3 for Class I, Exon 2 for Class II).
2. Allele Database Version : 3.37.0 (Jul 2019)
3. Allele bearing suffix G : The first allele of the Included Alleles. Included alleles in the appendix
4. NMDP code is reported if G code is not available after analyzing non-ARS exons
5. Sequencing Technology : Illumina Sequencing / PacBio Sequencing
6. Reagent Information : Lot Number available upon request.

Report History

Reported Date	History	Comments
03-Mar-2020	Patient: Tricia, URD: 105227151	
03-Mar-2020	Sample Id : H86593	HLA- B is Pending
12-Feb-2020	Patient: Tricia	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86062				
A	02:01:01G	02:CAVHP	Exon 1,2,3,4	02:01:01:01/02:01:01:02L/02:01:01:03/02:01:01:04/02:01:01:05/ 02:01:01:06/02:01:01:07/02:01:01:08/02:01:01:09/02:01:01:10/ 02:01:01:11/02:01:01:12/02:01:01:13/02:01:01:14/02:01:01:15/ 02:01:01:16/02:01:01:17/02:01:01:18/02:01:01:19/02:01:01:20/ 02:01:01:21/02:01:01:22/02:01:01:23/02:01:01:24/02:01:01:25/ 02:01:01:26/02:01:01:27/02:01:01:28/02:01:01:29/02:01:01:30/ 02:01:01:31/02:01:01:32/02:01:01:33/02:01:01:34/02:01:01:35/ 02:01:01:36/02:01:01:37/02:01:01:38/02:01:01:39/02:01:01:40/ 02:01:01:41/02:01:01:42/02:01:01:43/02:01:01:44/02:01:01:45/ 02:01:01:46/02:01:01:47/02:01:01:48/02:01:01:49/02:01:01:50/ 02:01:01:51/02:01:01:52/02:01:01:53/02:01:01:54/02:01:01:55/ 02:01:01:56/02:01:01:57/02:01:01:58/02:01:130/02:01:135/ 02:01:148/02:01:154/02:01:159/02:01:160/02:01:163/02:01:166/ 02:01:167/02:665/02:686/02:689/02:716/02:719/02:722/02:742/ 02:744/02:779/02:786/02:792N/02:810/02:812/02:844/02:846/ 02:853/02:864/02:865/02:869/02:870
A	23:01:01G	23:CAVJF	Exon 1,2,3,4	23:01:01:01/23:01:01:02/23:01:01:03/23:01:01:04/23:01:01:05/ 23:01:25/23:01:27/23:17:01:01/23:17:01:02/23:17:01:03/23:93
B	15:01:01G	15:CAVKV	Exon 2,3,4	15:01:01:01/15:01:01:03/15:01:01:04/15:01:01:05/15:01:01:06/ 15:01:01:07/15:01:01:08/15:01:01:09/15:01:01:10/15:01:01:11/ 15:01:01:12/15:01:01:13/15:01:01:14/15:01:01:15/15:01:01:16/ 15:01:01:17/15:01:01:18/15:01:01:19/15:01:01:20/15:01:48/ 15:01:58/15:443/15:456/15:457/15:464/15:465/15:471/15:474/ 15:476/15:515/15:533/15:535/15:536/15:542/15:547
B	15:03:01G	15:MJMN	Exon 2,3,4	15:03:01:01/15:03:01:02/15:03:01:03/15:03:09/15:103/ 15:220/01:01/15:220/01:02
C	02:10:01G	02:CAVNE	Exon 2,3,4,7	02:10:01:01/02:10:01:02/02:10:01:03/02:10:01:04/02:10:01:05/ 02:10:01:06/02:10:01:07/02:10:04/02:10:05/02:168/02:174
C	03:03:01G	03:CAVNH	Exon 2,3,4,7	03:03:01:01/03:03:01:02/03:03:01:03/03:03:01:04/03:03:01:05/ 03:03:01:06/03:03:01:07/03:03:01:08/03:03:01:09/03:03:01:10/ 03:03:01:11/03:03:01:12/03:03:01:13/03:03:01:14/03:03:36/ 03:03:46/03:03:53/03:20N/03:227/03:341/03:357/03:383/03:418/ 03:421N/03:471/03:481
DPB1	01:01:01G	01:AETTG	Exon 2,3	01:01:01:01/01:01:01:02/01:01:01:03/01:01:01:04/01:01:01:05/ 01:01:01:06/01:01:01:07/01:01:01:08/01:01:01:09/01:01:01:10/ 162:01:02/417:01:01
DPB1	04:01:01G	04:CAVRP	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/350:01/670:01/702:01/849:01/878:01N/939:01N/1001:01

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DQB1	03:19	03:19	Exon 2,3	03:19:01/03:19:03
DQB1	06:03:01G	06:CAVTH	Exon 2,3	06:03:01:01/06:03:01:02/06:03:01:03/06:03:35/06:03:36/06:328/ 06:329/06:334/06:336/06:352
DRB1	11:01:02		Exon 2,3	
DRB1	13:01:01G	13:01:01	Exon 2,3	13:01:01:01/13:01:01:02

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86593				
A	02:01:01G	02:CAVHP	Exon 1,2,3,4	02:01:01:01/02:01:01:02L/02:01:01:03/02:01:01:04/02:01:01:05/ 02:01:01:06/02:01:01:07/02:01:01:08/02:01:01:09/02:01:01:10/ 02:01:01:11/02:01:01:12/02:01:01:13/02:01:01:14/02:01:01:15/ 02:01:01:16/02:01:01:17/02:01:01:18/02:01:01:19/02:01:01:20/ 02:01:01:21/02:01:01:22/02:01:01:23/02:01:01:24/02:01:01:25/ 02:01:01:26/02:01:01:27/02:01:01:28/02:01:01:29/02:01:01:30/ 02:01:01:31/02:01:01:32/02:01:01:33/02:01:01:34/02:01:01:35/ 02:01:01:36/02:01:01:37/02:01:01:38/02:01:01:39/02:01:01:40/ 02:01:01:41/02:01:01:42/02:01:01:43/02:01:01:44/02:01:01:45/ 02:01:01:46/02:01:01:47/02:01:01:48/02:01:01:49/02:01:01:50/ 02:01:01:51/02:01:01:52/02:01:01:53/02:01:01:54/02:01:01:55/ 02:01:01:56/02:01:01:57/02:01:01:58/02:01:130/02:01:135/ 02:01:148/02:01:154/02:01:159/02:01:160/02:01:163/02:01:166/ 02:01:167/02:665/02:686/02:689/02:716/02:719/02:722/02:742/ 02:744/02:779/02:786/02:792N/02:810/02:812/02:844/02:846/ 02:853/02:864/02:865/02:869/02:870
A	23:01:01G	23:CAVJF	Exon 1,2,3,4	23:01:01:01/23:01:01:02/23:01:01:03/23:01:01:04/23:01:01:05/ 23:01:25/23:01:27/23:17:01:01/23:17:01:02/23:17:01:03/23:93
C	02:10:01G	02:CAVNE	Exon 2,3,4,7	02:10:01:01/02:10:01:02/02:10:01:03/02:10:01:04/02:10:01:05/ 02:10:01:06/02:10:01:07/02:10:04/02:10:05/02:168/02:174
C	03:03:01G	03:CAVNH	Exon 2,3,4,7	03:03:01:01/03:03:01:02/03:03:01:03/03:03:01:04/03:03:01:05/ 03:03:01:06/03:03:01:07/03:03:01:08/03:03:01:09/03:03:01:10/ 03:03:01:11/03:03:01:12/03:03:01:13/03:03:01:14/03:03:36/ 03:03:46/03:03:53/03:20N/03:227/03:341/03:357/03:383/03:418/ 03:421N/03:471/03:481
DPB1	01:01:02G	01:AETTG	Exon 2,3	01:01:02:01/01:01:02:02/162:01:01/417:01:02
DPB1	04:01:01G	04:CAVRP	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/350:01/670:01/702:01/849:01/878:01N/939:01N/1001:01
DQB1	06:02:01G	06:CAVTF	Exon 2,3	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:36/ 06:02:41/06:286/06:293/06:295/06:317N/06:333
DQB1	06:03:01G	06:CAVTH	Exon 2,3	06:03:01:01/06:03:01:02/06:03:01:03/06:03:35/06:03:36/06:328/ 06:329/06:334/06:336/06:352
DRB1	11:01:02		Exon 2,3	
DRB1	13:01:01G	13:01:01	Exon 2,3	13:01:01:01/13:01:01:02