

HLA TYPING REPORT

Patient Information

Last Name	: K.	Date Of Birth	: 02-Jul-1965
First Name	: Natarajan	Histo ID	: H86285
Hospital	: Apollo Hospitals-Chennai	MR#	: NA
Physician	: Dr. Srikanth Muralikrishnan		
Diagnosis	: AML	Received On	: 18-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 12-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
03:01:01G	35:03:01G	04:01:01G	04:03:01G	NA	03:02:01G	NA	02:01:02G	NA
03:01:01G	40:01:01G	12:03:01G	08:02:01G	NA	04:02:01G	NA	04:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*03:01:01:02N,A*03:21N,A*03:129N,A*03:162N,A*03:279N,A*03:336N,B*40:338N,C*04:09N,DQB1*03:310N,DQB1*04:41N,DQB1*04:46N,DQB1*04:59N,DQB1*04:68N,DPB1*700:01N,DPB1*754:01N,DPB1*756:01N,DPB1*786:01:01N,DPB1*786:01:02N,DPB1*894:01N,DPB1*974:01N excluded

Donor(s) Results

Last Name/URD#	: -	Date Of Birth	: 31-Aug-1963
First Name	: K Radjeswary	Histo ID	: H86423
Relation	: Donor	Received On	: 21-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 18-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
03:01:01G	35:01:01G	04:01:01G	08:02:01G	NA	04:02:01G	NA	02:01:02G	NA
33:03:01G	35:03:01G	04:01:01G	13:01:01G	NA	06:03:01G	NA	02:01:02G	NA

Typing Status : Complete

Matching Ratio with Patient : 6/12

Mismatched Locus : A,B,C,DRB1,DQB1,DPB1

Null Allele Resolution Status : A*03:01:01:02N,A*03:21N,A*03:129N,A*03:162N,A*03:279N,A*03:336N,A*33:73N,A*33:74N,A*33:156N,A*33:174N,B*35:40N,B*35:134N,B*35:448N,B*35:456N,C*04:09N,DQB1*04:41N,DQB1*04:46N,DQB1*04:59N,DQB1*04:68N,DPB1*700:01N,DPB1*786:01:01N,DPB1*786:01:02N,DPB1*894:01N 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
27-Feb-2020	Patient: Natarajan, Donor: K Radjeswary	
24-Feb-2020	Patient: Natarajan	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86285				
A	03:01:01G	03:CAVHX	Exon 1,2,3,4	03:01:01:01/03:01:01:03/03:01:01:04/03:01:01:05/03:01:01:06/ 03:01:01:07/03:01:01:08/03:01:01:09/03:01:01:10/03:01:01:11/ 03:01:01:12/03:01:01:13/03:01:01:14/03:01:01:15/03:01:01:16/ 03:01:01:17/03:01:01:18/03:01:01:19/03:01:01:20/03:01:01:21/ 03:01:01:22/03:01:01:23/03:01:01:24/03:01:01:25/03:01:01:26/ 03:01:70/03:01:71/03:01:74/03:01:75/03:01:81/03:01:84/03:291/ 03:292/03:293/03:301/03:313/03:315/03:338/03:344/03:346/ 03:352/03:359/03:361/03:363/03:367
B	35:03:01G	35:CAVMD	Exon 2,3,4	35:03:01:01/35:03:01:02/35:03:01:03/35:03:01:04/35:03:01:05/ 35:03:01:06/35:03:01:07/35:03:01:08/35:03:01:09/35:03:01:10/ 35:03:23/35:03:28/35:344/35:399/35:434/35:442/35:457
B	40:01:01G	40:CAVMH	Exon 2,3,4	40:01:01:01/40:01:02:01/40:01:02:02/40:01:02:03/40:01:02:04/ 40:01:02:05/40:01:02:06/40:01:02:07/40:01:02:08/40:01:02:09/ 40:01:02:10/40:01:02:11/40:01:02:12/40:01:02:13/40:01:45/ 40:01:54/40:01:57/40:01:58/40:01:62/40:01:65/40:01:66/ 40:01:67/40:353/40:379/40:386/40:416/40:417/40:419/40:431/ 40:439/40:443
C	04:01:01G	04:CAVNU	Exon 2,3,4,7	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/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:31/ 04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/04:01:78/ 04:01:79/04:01:83/04:01:85/04:01:86/04:01:92:01/04:01:92:02/ 04:01:110/04:01:113/04:01:118/04:01:119/04:82/04:226/04:275/ 04:277/04:298/04:306/04:308/04:321/04:322/04:327/04:330/ 04:339:01/04:348/04:358/04:375/04:380/04:388/04:390/04:391/ 04:394/04:395/04:397/04:398
C	12:03:01G	12:CAVPS	Exon 2,3,4,7	12:03:01:01/12:03:01:02/12:03:01:03/12:03:01:04/12:03:01:05/ 12:03:01:06/12:03:01:07/12:03:01:08/12:03:01:09/12:03:01:10/ 12:03:01:11/12:03:01:12/12:03:01:13/12:03:56/12:143/12:167/ 12:245/12:262/12:277/12:278/12:284/12:289/12:290
DPB1	02:01:02G	02:CAVRH	Exon 2,3	02:01:02:01/02:01:02:02/02:01:02:03/02:01:02:04/02:01:02:05/ 02:01:02:06/02:01:02:07/02:01:02:08/02:01:02:09/02:01:02:10/ 02:01:02:11/02:01:02:12/02:01:02:13/02:01:02:14/02:01:02:15/ 02:01:02:16/02:01:02:17/02:01:02:18/02:01:02:19/02:01:02:20/ 02:01:02:21/02:01:02:22/02:01:02:23/02:01:02:24/02:01:02:25/ 02:01:02:26/02:01:02:27/02:01:02:28/02:01:02:29/02:01:02:30/ 02:01:02:31/02:01:02:32/02:01:02:33/02:01:02:34/02:01:02:35/ 02:01:02:36/02:01:02:37/02:01:02:38/02:01:02:39/02:01:02:40/ 02:01:02:41/02:01:02:42/02:01:02:43/02:01:02:44/02:01:19/ 02:01:26/02:01:40/678:01/845:01/857:01

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DPB1	04:01:01G	04:CAVRR	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/ 04:01:41/670:01/849:01/878:01N/939:01N/1001:01
DQB1	03:02:01G	03:CAVTB	Exon 2,3	03:02:01:01/03:02:01:02/03:02:01:03/03:02:01:04/03:02:01:05/ 03:02:01:06/03:02:01:07/03:02:01:08/03:02:26/03:289/03:295/ 03:296/03:321/03:369/03:379/03:386
DQB1	04:02:01G	04:BMSTZ	Exon 2,3	04:02:01:01/04:02:01:04/04:02:01:05/04:02:01:06/04:02:01:07/ 04:02:01:08/04:02:01:09/04:02:01:10/04:02:13/04:02:18/04:51/ 04:52/04:55/04:60
DRB1	04:03:01G	04:AFZJW	Exon 2,3	04:03:01:01/04:03:01:02/04:279
DRB1	08:02:01G	08:02:01	Exon 2,3	08:02:01:01/08:02:01:02

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86423				
A	03:01:01G	03:CAVHX	Exon 1,2,3,4	03:01:01:01/03:01:01:03/03:01:01:04/03:01:01:05/03:01:01:06/ 03:01:01:07/03:01:01:08/03:01:01:09/03:01:01:10/03:01:01:11/ 03:01:01:12/03:01:01:13/03:01:01:14/03:01:01:15/03:01:01:16/ 03:01:01:17/03:01:01:18/03:01:01:19/03:01:01:20/03:01:01:21/ 03:01:01:22/03:01:01:23/03:01:01:24/03:01:01:25/03:01:01:26/ 03:01:70/03:01:71/03:01:74/03:01:75/03:01:81/03:01:84/03:291/ 03:292/03:293/03:301/03:313/03:315/03:338/03:344/03:346/ 03:352/03:359/03:361/03:363/03:367
A	33:03:01G	33:CAUVS	Exon 1,2,3,4	33:03:01:01/33:03:01:02/33:03:01:03/33:03:01:04/33:03:01:05/ 33:145/33:146/33:148/33:153/33:169
B	35:01:01G	35:CAVMB	Exon 2,3,4	35:01:01:01/35:01:01:02/35:01:01:03/35:01:01:04/35:01:01:05/ 35:01:01:06/35:01:01:07/35:01:01:08/35:01:01:09/35:01:01:10/ 35:01:01:11/35:01:01:12/35:01:01:13/35:01:01:14/35:01:01:15/ 35:01:01:16/35:01:01:17/35:01:01:18/35:01:01:19/35:01:23/ 35:01:58/35:01:59/35:01:61/35:01:63/35:42:01/35:332/35:347/ 35:365/35:370/35:376/35:380:01:01/35:380:01:02/35:383/35:406/ 35:417/35:421/35:429/35:447/35:454
B	35:03:01G	35:CAVMD	Exon 2,3,4	35:03:01:01/35:03:01:02/35:03:01:03/35:03:01:04/35:03:01:05/ 35:03:01:06/35:03:01:07/35:03:01:08/35:03:01:09/35:03:01:10/ 35:03:23/35:03:28/35:344/35:399/35:434/35:442/35:457
C	04:01:01G	04:CAVNU	Exon 2,3,4,7	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/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:31/ 04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/04:01:78/ 04:01:79/04:01:83/04:01:85/04:01:86/04:01:92:01/04:01:92:02/ 04:01:110/04:01:113/04:01:118/04:01:119/04:82/04:226/04:275/ 04:277/04:298/04:306/04:308/04:321/04:322/04:327/04:330/ 04:339:01/04:348/04:358/04:375/04:380/04:388/04:390/04:391/ 04:394/04:395/04:397/04:398
DPB1	02:01:02G	02:CAVRH	Exon 2,3	02:01:02:01/02:01:02:02/02:01:02:03/02:01:02:04/02:01:02:05/ 02:01:02:06/02:01:02:07/02:01:02:08/02:01:02:09/02:01:02:10/ 02:01:02:11/02:01:02:12/02:01:02:13/02:01:02:14/02:01:02:15/ 02:01:02:16/02:01:02:17/02:01:02:18/02:01:02:19/02:01:02:20/ 02:01:02:21/02:01:02:22/02:01:02:23/02:01:02:24/02:01:02:25/ 02:01:02:26/02:01:02:27/02:01:02:28/02:01:02:29/02:01:02:30/ 02:01:02:31/02:01:02:32/02:01:02:33/02:01:02:34/02:01:02:35/ 02:01:02:36/02:01:02:37/02:01:02:38/02:01:02:39/02:01:02:40/ 02:01:02:41/02:01:02:42/02:01:02:43/02:01:02:44/02:01:19/ 02:01:26/02:01:40/678:01/845:01/857:01
DQB1	04:02:01G	04:BMSTZ	Exon 2,3	04:02:01:01/04:02:01:04/04:02:01:05/04:02:01:06/04:02:01:07/ 04:02:01:08/04:02:01:09/04:02:01:10/04:02:13/04:02:18/04:51/ 04:52/04:55/04:60

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
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	08:02:01G	08:02:01	Exon 2,3	08:02:01:01/08:02:01:02
DRB1	13:01:01G	13:01:01	Exon 2,3	13:01:01:01/13:01:01:02