

HLA TYPING REPORT

Patient Information

Last Name	: LIYANAGE	Date Of Birth	: 06-Jan-2018
First Name	: THINUJA	Histo ID	: H86630
Hospital	: Apollo Hospitals-Chennai	MR#	: NA
Physician	: DR RAMYA		
Diagnosis	: AML	Received On	: 28-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:03:01	52:01:01G	06:02:01G	04:03:01G	NA	03:02:01G	NA	04:01:01G	NA
24:02:01G	57:01:01G	12:CAVPP	07:01:01G	NA	03:03:02G	NA	13:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*24:09N,A*24:11N,A*24:40N,A*24:83N,A*24:155N,A*24:163N,A*24:183N,A*24:388N,A*24:427N,A*24:430N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:310N,DQB1*03:375N,DPB1*754:01N,DPB1*756:01N,DPB1*974:01N excluded

Donor(s) Results

Last Name/URD#	: THILANKA	Date Of Birth	: 12-Oct-1980
First Name	: MANOJ	Histo ID	: H86631
Relation	: Father	Received On	: 28-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
24:02:01G	44:03:02G	06:02:01G	07:01:01G	NA	02:CAVTA	NA	03:01:01G	NA
33:03:01G	57:01:01G	07:01:01G	07:01:01G	NA	03:03:02G	NA	13:01:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 6/12

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

Null Allele Resolution Status : A*24:09N,A*24:11N,A*24:40N,A*24:83N,A*24:155N,A*24:163N,A*24:183N,A*24:388N,A*24:427N,A*24:430N,A*33:73N,A*33:74N,A*33:156N,A*33:174N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,C*07:796N,C*07:808N,DQB1*02:96N,DQB1*03:375N,DPB1*876:01N,DPB1*950:01N 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
6. Reagent Information : Lot Number available upon request.

Report History

Reported Date	History	Comments
04-Mar-2020	Patient: THINUJA, Father: MANOJ	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86630				
A	02:03:01		Exon 1,2,3,4	
A	24:02:01G	24:CAVJJ	Exon 1,2,3,4	24:02:01:01/24:02:01:02L/24:02:01:03/24:02:01:04/24:02:01:05/ 24:02:01:06/24:02:01:07/24:02:01:08/24:02:01:09/24:02:01:10/ 24:02:01:11/24:02:01:12/24:02:01:13/24:02:01:14/24:02:01:15/ 24:02:01:16/24:02:01:17/24:02:01:18/24:02:01:19/24:02:01:20/ 24:02:01:21/24:02:01:22/24:02:40/24:02:103/24:02:113/ 24:02:126/24:02:127/24:353/24:402/24:419/24:422/24:436/24:437/ 24:443/24:448N/24:454/24:460/24:463/24:464/24:465/24:466/24:469
B	52:01:01G	52:CAVMU	Exon 2,3,4	52:01:01:01/52:01:01:02/52:01:01:03/52:01:01:04/52:01:01:05/ 52:01:01:06/52:01:30/52:01:36/52:01:38/52:01:44/52:53/52:79/ 52:90
B	57:01:01G	57:JJRT	Exon 2,3,4	57:01:01:01/57:01:01:02/57:01:01:03/57:01:01:04/57:01:01:05/ 57:01:01:06/57:01:28/57:01:37/57:103
C	06:02:01G	06:CAVPA	Exon 2,3,4,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:227/06:228/06:236/06:239/ 06:244/06:255/06:261/06:266/06:273/06:274/06:277/06:278
C	12:CAVPP	12:CAVPP	Exon 2,3,4,7	12:02:02:01/12:02:02:02/12:02:02:03/12:243/12:285
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
DPB1	13:01:01G	13:CAVSF	Exon 2,3	13:01:01:01/13:01:01:02/13:01:01:03/13:01:01:04/13:01:01:05/ 13:01:01:06/13:01:01:07/13:01:01:08/107:01/133:01/518:01/ 519:01/947:01
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	03:03:02G	03:CAVTC	Exon 2,3	03:03:02:01/03:03:02:02/03:03:02:03/03:03:02:04/03:03:02:05/ 03:398
DRB1	04:03:01G	04:AFZJW	Exon 2,3	04:03:01:01/04:03:01:02/04:279
DRB1	07:01:01G	07:BMSUC	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:79/07:93

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86631				
A	24:02:01G	24:CAVJJ	Exon 1,2,3,4	24:02:01:01/24:02:01:02L/24:02:01:03/24:02:01:04/24:02:01:05/ 24:02:01:06/24:02:01:07/24:02:01:08/24:02:01:09/24:02:01:10/ 24:02:01:11/24:02:01:12/24:02:01:13/24:02:01:14/24:02:01:15/ 24:02:01:16/24:02:01:17/24:02:01:18/24:02:01:19/24:02:01:20/ 24:02:01:21/24:02:01:22/24:02:40/24:02:103/24:02:113/ 24:02:126/24:02:127/24:353/24:402/24:419/24:422/24:436/24:437/ 24:443/24:448N/24:454/24:460/24:463/24:464/24:465/24:466/24:469
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	44:03:02G	44:BZEGX	Exon 2,3,4	44:03:02/44:03:54/44:324/44:469
B	57:01:01G	57:JJRT	Exon 2,3,4	57:01:01:01/57:01:01:02/57:01:01:03/57:01:01:04/57:01:01:05/ 57:01:01:06/57:01:28/57:01:37/57:103
C	06:02:01G	06:CAVPA	Exon 2,3,4,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:227/06:228/06:236/06:239/ 06:244/06:255/06:261/06:266/06:273/06:274/06:277/06:278
C	07:01:01G	07:CAVPC	Exon 2,3,4,7	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:01:01:05/ 07:01:01:06/07:01:01:07/07:01:01:08/07:01:01:09/07:01:01:10/ 07:01:01:11/07:01:01:12/07:01:01:13/07:01:01:14Q/07:01:01:15/ 07:01:01:16/07:01:01:17/07:01:01:18/07:01:01:19/07:01:01:20/ 07:01:01:21/07:01:01:22/07:01:01:23/07:01:01:24/07:01:01:25/ 07:01:01:26/07:01:01:27/07:01:01:28/07:01:01:29/07:01:02:01/ 07:01:02:02/07:01:02:03/07:01:77/07:01:79/07:01:80/07:01:81/ 07:01:85/07:06:01:01/07:06:01:02/07:18:01:01/07:18:01:02/ 07:18:01:03/07:343:01:01/07:343:01:02/07:419/07:591/07:610/ 07:617/07:618/07:657/07:687/07:696/07:721/07:732/07:762/ 07:777/07:782/07:805/07:814
DPB1	03:01:01G	03:CAVRM	Exon 2,3	03:01:01:01/03:01:01:02/03:01:01:03/03:01:01:04/03:01:01:05/ 03:01:01:06/03:01:01:07/03:01:01:08/03:01:01:09/03:01:01:10/ 03:01:01:11/104:01:01:01/104:01:01:02/104:01:01:03/ 104:01:01:04/104:01:01:05/104:01:01:06/669:01/792:01N/855:01/ 946:01/948:01
DPB1	13:01:01G	13:CAVSG	Exon 2,3	13:01:01:01/13:01:01:02/13:01:01:03/13:01:01:04/13:01:01:05/ 13:01:01:06/13:01:01:07/13:01:01:08/107:01/518:01/519:01/947:01
DQB1	02:CAVTA	02:CAVTA	Exon 2,3	02:02:01:01/02:02:01:02/02:02:01:03/02:02:01:04/02:02:06/ 02:02:09/02:97/02:110/02:131/02:156
DQB1	03:03:02G	03:CAVTC	Exon 2,3	03:03:02:01/03:03:02:02/03:03:02:03/03:03:02:04/03:03:02:05/ 03:398
DRB1	07:01:01G	07:BMSUC	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:79/07:93