

HLA TYPING REPORT

Patient Information

Last Name : **Pimpale** Date Of Birth : 30-Aug-2005
First Name : **Chaitanya** Histo ID : H84690
Hospital : Histogenetics India MR# : NA
Physician : NA
Diagnosis : NA Received On : 23-Dec-2019
Specimen Type : Buccal Swab Collected On : 19-Dec-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:05:01G	15:18:01G	03:04:01G	01:01:01G	NA	05:01:01G	NA	02:01:02G	NA
11:01:01G	40:01:01G	07:04:01G	16:02:01G	NA	05:02:01G	NA	04:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*02:791N,A*11:21N,A*11:69N,A*11:210N,B*15:380N,B*15:487N,B*40:338N,C*03:366N,C*07:797N,DQB1*05:90N,DQB1*05:185N,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# : **Pimpale** Date Of Birth : 20-Jun-1975
First Name : **Laxmi** Histo ID : H85462
Relation : NA Received On : 16-Jan-2020
Specimen Type : Whole Blood Collected On : 10-Jan-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
11:01:01G	15:18:01G	07:04:01G	15:02:01G	NA	05:02:01G	NA	02:01:02G	NA
24:33	51:06:01	12:04:02	16:02:01G	NA	06:01:01G	NA	26:01:02	NA

Typing Status : Complete

Matching Ratio with Patient : 6/12

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

Null Allele Resolution Status : A*11:21N,A*11:69N,A*11:210N,B*15:380N,B*15:487N,C*07:797N,DRB1*15:154N,DQB1*05:90N,DQB1*06:102N,DQB1*06:330N,DPB1*700:01N,DPB1*786:01:01N,DPB1*786:01:02N,DPB1*894:01N excluded

Last Name/URD# : **Pimpale** Date Of Birth : 15-Aug-1967
First Name : **Rajendra** Histo ID : H85459
Relation : NA Received On : 16-Jan-2020
Specimen Type : Whole Blood Collected On : 10-Jan-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:05:01G	40:01:01G	03:04:01G	01:01:01G	NA	02:CAVTA	NA	04:01:01G	NA
23:01:01G	44:03:02G	07:01:01G	07:01:01G	NA	05:01:01G	NA	04:01:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 6/12

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

Null Allele Resolution Status : A*02:791N,A*23:07N,A*23:91N,B*40:338N,C*03:366N,C*07:796N,DQB1*02:96N,DQB1*05:185N,DPB1*754:01N,DPB1*756:01N,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
6. Reagent Information : Lot Number available upon request.

Report History

Reported Date	History	Comments
23-Jan-2020	Patient: Chaitanya, Donor: Laxmi, Donor: Rajendra	
30-Dec-2019	Patient: Chaitanya	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84690				
A	02:05:01G	02:05:01	Exon 1,2,3,4	02:05:01:01/02:05:01:02
A	11:01:01G	11:CAVJD	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:324/11:328
B	15:18:01G	15:18:01	Exon 2,3,4	15:18:01:01/15:18:01:02/15:18:01:03/15:18:01:04/15:18:01:05
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	03:04:01G	03:CAVNN	Exon 2,3,4,7	03:04:01:01/03:04:01:02/03:04:01:03/03:04:01:04/03:04:01:05/ 03:04:01:06/03:04:01:07/03:04:01:08/03:04:01:09/03:04:01:10/ 03:04:01:11/03:04:01:12/03:04:01:13/03:04:01:14/03:04:01:15/ 03:04:58/03:04:61/03:04:71/03:04:74/03:358/03:359/03:376/ 03:387/03:408/03:417/03:423/03:456/03:466/03:467/03:470N/03:484
C	07:04:01G	07:BKSYS	Exon 2,3,4,7	07:04:01:01/07:04:01:02/07:04:01:03/07:04:01:04/07:674/07:693
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
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	05:01:01G	05:CAVTD	Exon 2,3	05:01:01:01/05:01:01:02/05:01:01:03/05:01:01:04/05:01:01:05/ 05:01:24:01/05:01:24:02/05:01:26/05:01:27/05:01:28/05:01:29/ 05:01:33/05:01:35/05:01:38/05:183/05:193/05:194/05:195/05:216/ 05:232/05:234/05:237
DQB1	05:02:01G	05:CAVTE	Exon 2,3	05:02:01:01/05:02:01:02/05:02:01:03/05:02:01:04/05:02:01:05/ 05:02:01:06/05:165/05:198/05:222
DRB1	01:01:01G	01:JZDV	Exon 2,3	01:01:01:01/01:01:32/01:01:33/01:100

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DRB1	16:02:01G	16:02:01	Exon 2,3	16:02:01:01/16:02:01:02/16:02:01:03

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H85462				
A	11:01:01G	11:CAVJD	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:324/11:328
A	24:33		Exon 1,2,3,4	
B	15:18:01G	15:18:01	Exon 2,3,4	15:18:01:01/15:18:01:02/15:18:01:03/15:18:01:04/15:18:01:05
B	51:06:01		Exon 2,3,4	
C	07:04:01G	07:BKSYS	Exon 2,3,4,7	07:04:01:01/07:04:01:02/07:04:01:03/07:04:01:04/07:674/07:693
C	12:04:02		Exon 2,3,4,7	
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
DPB1	26:01:02		Exon 2,3	
DQB1	05:02:01G	05:CAVTE	Exon 2,3	05:02:01:01/05:02:01:02/05:02:01:03/05:02:01:04/05:02:01:05/ 05:02:01:06/05:165/05:198/05:222
DQB1	06:01:01G	06:BYFKE	Exon 2,3	06:01:01:01/06:01:01:02/06:01:15/06:01:22/06:01:25/06:285/ 06:307/06:309
DRB1	15:02:01G	15:BFBXD	Exon 2,3	15:02:01:01/15:02:01:02/15:02:01:03/15:140/15:149
DRB1	16:02:01G	16:02:01	Exon 2,3	16:02:01:01/16:02:01:02/16:02:01:03

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H85459				
A	02:05:01G	02:05:01	Exon 1,2,3,4	02:05:01:01/02:05:01:02
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	40:01:01G	40:CAVMH	Exon 2,3,4	40:01:01/40:01:02:01/40:01:02:02/40:01:02:03/40:01:02:04/ 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
B	44:03:02G	44:BZEGX	Exon 2,3,4	44:03:02/44:03:54/44:324/44:469
C	03:04:01G	03:CAVNM	Exon 2,3,4	03:04:01:01/03:04:01:02/03:04:01:03/03:04:01:04/03:04:01:05/ 03:04:01:06/03:04:01:07/03:04:01:08/03:04:01:09/03:04:01:10/ 03:04:01:11/03:04:01:12/03:04:01:13/03:04:01:14/03:04:01:15/ 03:04:58/03:04:61/03:04:63/03:04:71/03:04:74/03:358/03:359/ 03:376/03:387/03:408/03:417/03:423/03:455/03:456/03:466/ 03:467/03:470N/03:484
C	07:01:01G	07:CAVPB	Exon 2,3,4	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/ 07:01:02:02/07:01:02:03/07:01:77/07:01:78/07:01:79/07:01:80/ 07:01:81/07:01:84/07:01:85/07:06:01:01/07:06:01:02/ 07:18:01:01/07:18:01:02/07:18:01:03/07:343:01:01/07:343:01:02/ 07:419/07:458/07:591/07:610/07:615/07:617/07:618/07:619/ 07:657/07:682:01:01/07:682:01:02/07:682:02/07:687/07:696/ 07:721/07:732/07:735/07:739/07:762/07:777/07:781/07:782/ 07:805/07:808N/07:813/07:814
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	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	05:01:01G	05:CAVTD	Exon 2,3	05:01:01:01/05:01:01:02/05:01:01:03/05:01:01:04/05:01:01:05/ 05:01:24/05:01:24:02/05:01:26/05:01:27/05:01:28/05:01:29/ 05:01:33/05:01:35/05:01:38/05:183/05:193/05:194/05:195/05:216/ 05:232/05:234/05:237
DRB1	01:01:01G	01:JZDV	Exon 2,3	01:01:01/01:01:32/01:01:33/01:100
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