

HLA TYPING REPORT

Patient Information

Last Name : **Sadiqi** Date Of Birth : 22-Apr-1994
First Name : **bibi husna** Histo ID : H86032
Hospital : Star Genetech Health MR# : NA
Physician : Dr.Gaurav Dixit
Diagnosis : Aplastic Anemia Received On : 07-Feb-2020
Specimen Type : Buccal Swab Collected On : 01-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:05:01G	08:01:01G	07:02:01G	03:01:01G	NA	02:01:01G	NA	NA	NA
02:06:01G	38:01:01G	12:03:01G	13:01:01G	NA	06:03:01G	NA	NA	NA

Typing Status : Complete

Null Allele Resolution Status : A*02:506N,A*02:760N,A*02:791N,B*08:19N,B*08:236N,B*38:80N,C*07:02:01:17N,C*07:350N,C*07:593N,C*07:675N,C*07:686N,C*07:743N,DQB1*02:96N excluded

Donor(s) Results

Last Name/URD# : **sediqi** Date Of Birth : 16-Jul-1992
First Name : **Khuja M Amin** Histo ID : H86034
Relation : Brother Received On : 07-Feb-2020
Specimen Type : Buccal Swab Collected On : 01-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:06:01G	08:01:01G	02:02:02G	01:01:01G	NA	02:01:01G	NA	NA	NA
03:01:01G	27:05:02G	07:02:01G	03:01:01G	NA	05:01:01G	NA	NA	NA

Typing Status : Complete

Matching Ratio with Patient : 5/10

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

Null Allele Resolution Status : C*07:02:01:17N excluded

Last Name/URD# : **Sediqi** Date Of Birth : 25-Apr-1995
First Name : **Bibi Asma** Histo ID : H86033
Relation : Sister Received On : 07-Feb-2020
Specimen Type : Buccal Swab Collected On : 01-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:05:01G	38:01:01G	12:03:01G	04:03:01G	NA	03:02:01G	NA	NA	NA
11:01:01G	52:01:01G	12:02:01G	13:01:01G	NA	06:03:01G	NA	NA	NA

Typing Status : Complete

Matching Ratio with Patient : 5/10

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

Null Allele Resolution Status :

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
12-Feb-2020	Patient: bibi husna, Brother: Khuja M Amin, Sister: Bibi Asma	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86032				
A	02:05:01G	02:05:01	Exon 1,2,3,4	02:05:01:01/02:05:01:02
A	02:06:01G	02:BKSXJ	Exon 1,2,3,4	02:06:01:01/02:06:01:02/02:06:01:03/02:06:01:04/02:06:01:05/ 02:06:01:06/02:06:01:07/02:06:23/02:718/02:768
B	08:01:01G	08:CAVKR	Exon 2,3,4	08:01:01:01/08:01:01:02/08:01:01:03/08:01:01:04/08:01:01:05/ 08:01:01:06/08:01:01:07/08:01:01:08/08:01:01:09/08:01:01:10/ 08:01:01:11/08:01:01:12/08:01:01:13/08:01:01:14/08:01:01:15/ 08:01:01:16/08:01:20/08:01:38/08:01:41/08:01:43/08:01:46/ 08:01:51/08:01:52/08:01:54/08:173/08:182/08:183/08:207/08:221/ 08:222/08:225/08:233/08:238/08:241/08:244
B	38:01:01G	38:BPWY	Exon 2,3,4	38:01:01:01/38:01:01:02/38:01:01:03Q/38:01:16/38:86
C	07:02:01G	07:CAVPF	Exon 2,3,4,7	07:02:01:01/07:02:01:02/07:02:01:03/07:02:01:04/07:02:01:05/ 07:02:01:06/07:02:01:07/07:02:01:08/07:02:01:09/07:02:01:10/ 07:02:01:11/07:02:01:12/07:02:01:13/07:02:01:14/07:02:01:15/ 07:02:01:16/07:02:01:18/07:02:01:19/07:02:01:20/07:02:01:21/ 07:02:01:22/07:02:01:23/07:02:01:24/07:02:01:25/07:02:01:26/ 07:02:01:27/07:02:01:28/07:02:01:29/07:02:01:30/07:02:01:31/ 07:02:01:32/07:02:01:33/07:02:01:34/07:02:01:35/07:02:01:36/ 07:02:01:37/07:02:01:38/07:02:01:39/07:02:01:40/07:02:01:41/ 07:02:01:42/07:02:70/07:02:80/07:02:93/07:02:95/07:02:96/ 07:02:115/07:592/07:594/07:595/07:596/07:612/07:665/07:666/ 07:667/07:684/07:688/07:703/07:704/07:741/07:767/07:769/ 07:779/07:783/07:791/07:801/07:807N/07:810
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
DQB1	02:01:01G	02:CAVSZ	Exon 2,3	02:01:01/02:109/02:112/02:148
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	03:01:01G	03:RPXT	Exon 2,3	03:01:01:01/03:01:01:02/03:01:01:03/03:01:08/03:147
DRB1	13:01:01G	13:01	Exon 2,3	13:01:01:01/13:01:01:02/13:01:19

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86034				
A	02:06:01G	02:BZECE	Exon 2,3	02:06:01:01/02:06:01:02/02:06:01:03/02:06:01:04/02:06:01:05/ 02:06:01:06/02:06:01:07/02:06:13/02:06:15/02:06:16/02:06:23/ 02:06:25/02:06:26/02:06:27/02:06:28/02:126/02:428/02:506N/ 02:625/02:718/02:737/02:759/02:760N/02:767/02:768/02:851/02:863
A	03:01:01G	03:BZECG	Exon 2,3	03:01:01:01/03:01:01:02N/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/ 03:01:01:26/03:01:07/03:01:27/03:01:56/03:01:57/03:01:58/ 03:01:63/03:01:70/03:01:71/03:01:72/03:01:73/03:01:74/ 03:01:75/03:01:77/03:01:79/03:01:81/03:01:84/03:01:85/03:20/ 03:21N/03:26/03:37/03:45/03:78/03:112/03:118/03:129N/03:132/ 03:134/03:162N/03:182/03:220/03:279N/03:291/03:292/03:293/ 03:301/03:302/03:304/03:312/03:313/03:315/03:316/03:336N/ 03:338/03:339/03:340/03:344/03:346/03:349/03:350/03:351/ 03:352/03:355/03:358/03:359/03:360/03:361/03:362/03:363/ 03:367/03:368
B	08:01:01G	08:BZEFF	Exon 2,3	08:01:01:01/08:01:01:02/08:01:01:03/08:01:01:04/08:01:01:05/ 08:01:01:06/08:01:01:07/08:01:01:08/08:01:01:09/08:01:01:10/ 08:01:01:11/08:01:01:12/08:01:01:13/08:01:01:14/08:01:01:15/ 08:01:01:16/08:01:14/08:01:20/08:01:38/08:01:41/08:01:43/ 08:01:44/08:01:46/08:01:49/08:01:50/08:01:51/08:01:52/ 08:01:53/08:01:54/08:19N/08:109/08:173/08:178/08:182/08:183/ 08:191/08:194/08:207/08:221/08:222/08:225/08:231/08:233/ 08:234/08:236N/08:237/08:238/08:241/08:243/08:244
B	27:05:02G	27:BZEFZ	Exon 2,3	27:05:02:01/27:05:02:02/27:05:02:03/27:05:02:04Q/27:05:02:05/ 27:05:02:06/27:05:02:07/27:05:02:08/27:05:02:09/27:05:02:10/ 27:05:02:11/27:05:04/27:05:31/27:05:41/27:05:42/27:05:43/ 27:05:45/27:05:46/27:13/27:162/27:174/27:184/27:190/27:191/ 27:193/27:195/27:196/27:199/27:206/27:212N
C	02:02:02G	02:BZEHH	Exon 2,3	02:02:02:01/02:02:02:02/02:02:02:03/02:02:02:04/02:02:02:05/ 02:02:02:06/02:02:02:07/02:02:02:08/02:02:02:09/02:02:02:10/ 02:02:02:11/02:02:02:12/02:02:02:13/02:02:02:14/02:02:02:15/ 02:02:02:16/02:02:02:17/02:02:02:18/02:02:02:19/02:02:02:20/ 02:02:02:21/02:02:02:22/02:02:02:23/02:02:17/02:02:33/ 02:02:34/02:02:36/02:02:39/02:02:41/02:02:48/02:02:50/ 02:02:51/02:02:52/02:02:54/02:29/02:69/02:70/02:83/02:106/ 02:138/02:145/02:147/02:150N/02:151/02:153/02:154/02:155/ 02:163/02:170/02:171/02:172/02:173/02:175/02:178/02:179

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
C	07:02:01G	07:BZEJF	Exon 2,3	07:02:01:01/07:02:01:02/07:02:01:03/07:02:01:04/07:02:01:05/ 07:02:01:06/07:02:01:07/07:02:01:08/07:02:01:09/07:02:01:10/ 07:02:01:11/07:02:01:12/07:02:01:13/07:02:01:14/07:02:01:15/ 07:02:01:16/07:02:01:18/07:02:01:19/07:02:01:20/07:02:01:21/ 07:02:01:22/07:02:01:23/07:02:01:24/07:02:01:25/07:02:01:26/ 07:02:01:27/07:02:01:28/07:02:01:29/07:02:01:30/07:02:01:31/ 07:02:01:32/07:02:01:33/07:02:01:34/07:02:01:35/07:02:01:36/ 07:02:01:37/07:02:01:38/07:02:01:39/07:02:01:40/07:02:01:41/ 07:02:01:42/07:02:21/07:02:23/07:02:50/07:02:51/07:02:53/ 07:02:60/07:02:70/07:02:79/07:02:80/07:02:82/07:02:85/ 07:02:93/07:02:95/07:02:96/07:02:103/07:02:105/07:02:106/01/ 07:02:106/02/07:02:108/07:02:112/07:02:113/07:02:114/ 07:02:115/07:02:116/07:50/07:66/07:74/07:159/07:160/07:167/ 07:245/07:308/07:348/07:349/07:350N/07:359/07:446/07:486/ 07:500/07:533/07:544/07:566/07:592/07:593N/07:594/07:595/ 07:596/07:608/07:612/07:661/07:665/07:666/07:667/07:675N/ 07:676/07:684/07:686N/07:688/07:703/07:704/07:707/07:722/ 07:736/01:01/07:736/01:02/07:737/07:738/07:740/07:741/07:743N/ 07:759/07:766/07:767/07:768/07:769/07:772/07:779/07:783/ 07:785/07:789/07:790/07:791/07:798/07:799/07:801/07:807N/ 07:809/07:810
DQB1	02:01:01G	02:BZEKM	Exon 2	02:01:01/02:01:08/02:01:26/02:01:27/02:01:32/02:01:33/02:01:35/ 02:01:36/02:02:01:01/02:02:01:02/02:02:01:03/02:02:01:04/ 02:02:02/02:02:03/02:02:05/02:02:06/02:02:07/02:02:08/ 02:02:09/02:04/02:06/02:09/02:10/02:48/02:59/02:64/02:79/ 02:80/02:81/02:82/02:89/01/02:89/02:02:96N/02:97/02:98/02:99/ 02:102/02:105/02:106/02:107/02:108/02:109/02:110/02:111/ 02:112/02:114/02:118/02:119/02:120/02:121/02:122/02:125/ 02:126/02:127/02:128/02:131/02:133/02:136/02:137/02:138/ 02:142/02:143/02:144/02:145/02:146/02:148/02:154/02:155/ 02:156/02:157/02:158/02:159/02:160
DQB1	05:01:01G	05:BZEKY	Exon 2	05:01:01/05:01:01:02/05:01:01:03/05:01:01:04/05:01:01:05/ 05:01:21/05:01:22/05:01:23/05:01:24/05:01:24:02/05:01:26/ 05:01:27/05:01:28/05:01:29/05:01:33/05:01:34/05:01:35/ 05:01:37/05:01:38/05:18/05:27/05:31/05:32/05:45/05:84/05:103/ 05:104/05:107/05:133/05:137/05:139/05:144/05:148/05:150/ 05:152/05:155/05:159/05:160/05:163/05:164/05:173/05:182/ 05:183/05:184/05:185N/05:190/05:193/05:194/05:195/05:197/ 05:216/05:217/05:219/05:223/05:225/05:226/05:230/05:232/ 05:234/05:237
DRB1	01:01:01G	01:BZFPV	Exon 2	01:01:01/01:01:32/01:01:33/01:50/01:67/01:77/01:82/01:91Q/ 01:95/01:98/01:100/01:103/01:104/01:107
DRB1	03:01:01G	03:BMJYU	Exon 2	03:01:01/03:01:01:02/03:01:01:03/03:01:08/03:01:26/03:01:27/ 03:01:28/03:124/03:132/03:137/03:144/03:146/03:147/03:151/ 03:152

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86033				
A	02:05:01G	02:BMJZU	Exon 2,3	02:05:01:01/02:05:01:02/02:179/02:324/02:791N
A	11:01:01G	11:BZECJ	Exon 2,3	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/ 11:01:46/11:01:47/11:01:49/11:01:52/11:01:53/11:01:56/ 11:01:58/11:01:59/11:01:64/11:01:67/11:01:79/11:01:83/ 11:01:87/11:01:88/11:01:90/11:01:91/11:01:92/11:01:93/ 11:01:95/11:21N/11:69N/11:86/11:100/11:102/11:108/11:120/ 11:124/11:126/11:129/11:142/11:154/11:163/11:171/11:172/ 11:173/11:174/11:193/11:194/11:210N/11:263/11:270/11:274/ 11:278/11:279/11:280/11:292/11:295/11:303/11:306/11:311/ 11:313Q/11:316/11:317/11:320/11:322/11:324/11:328/11:329/ 11:332/11:333/11:338/11:339/11:343/11:349
B	38:01:01G	38:BZEGK	Exon 2,3	38:01:01:01/38:01:01:02/38:01:01:03Q/38:01:16/38:68Q/38:80N/ 38:86/38:161
B	52:01:01G	52:BZEHB	Exon 2,3	52:01:01:01/52:01:01:02/52:01:01:03/52:01:01:04/52:01:01:05/ 52:01:01:06/52:01:08/52:01:27/52:01:30/52:01:36/52:01:37/ 52:01:38/52:01:44/52:07/52:36/52:53/52:79/52:80/52:86/52:90/ 52:91/52:93
C	12:02:01G	12:BZEJM	Exon 2,3	12:02:01/12:02:02:01/12:02:02:02/12:02:02:03/12:02:10/12:02:26/ 12:02:31/12:228/12:234/12:243/12:261/12:280/12:281/12:285
C	12:03:01G	12:BZDXU	Exon 2,3	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/ 12:03:01:11/12:03:01:12/12:03:01:13/12:03:06/12:03:43/ 12:03:49/12:03:56/12:03:58/12:03:59/12:03:60/12:23/12:109/ 12:110/12:111/12:125/12:143/12:160/12:167/12:171/12:172/ 12:201/12:209/12:210/12:211/12:216/12:220/12:223/12:244/ 12:245/12:253/12:254/12:262/12:273/12:277/12:278/12:283/ 12:284/12:289/12:290/12:291/12:292
DQB1	03:02:01G	03:BZEKS	Exon 2	03:02:01:01/03:02:01:02/03:02:01:03/03:02:01:04/03:02:01:05/ 03:02:01:06/03:02:01:07/03:02:01:08/03:02:09/03:02:12/ 03:02:21/03:02:24/03:02:25/03:02:26/03:02:27/03:02:29/03:32/ 03:85/03:190/03:245/03:247/03:251/03:263/03:265/03:287/03:289/ 03:295/03:296/03:298/03:310N/03:315/03:321/03:324/03:343/ 03:345/03:348/03:349/03:364/03:368/03:369/03:379/03:383/ 03:386/03:392
DQB1	06:03:01G	06:BZDZT	Exon 2	06:03:01:01/06:03:01:02/06:03:01:03/06:03:21/06:03:22/06:03:23/ 06:03:24/06:03:27/06:03:32/06:03:35/06:03:36/06:03:37/06:41/ 06:44/06:110/06:185/06:187/06:218/06:221/06:223/06:250/06:253/ 06:272/06:279/06:316/06:327/06:328/06:329/06:334/06:336/ 06:350/06:352
DRB1	04:03:01G	04:BZEBK	Exon 2	04:03:01:01/04:03:01:02/04:03:15/04:218/04:279

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DRB1	13:01:01G	13:BZEMT	Exon 2	13:01:01:01/13:01:01:02/13:01:17/13:01:18/13:01:19/13:01:20/ 13:01:21/13:01:24/13:01:25/13:01:26/13:01:27/13:117/13:190/ 13:215/13:233/13:251/13:256/13:261/13:263/13:267/13:270/ 13:271/13:272/13:273/13:274/13:281