| Well No. | HLA-A allele[1,2,3] |
|---|---|
| **\*24:02:01:01**, 24:02:01:03-**24:02:02**, **24:02:04**, **24:02:06**-24:02:09, 24:02:11-24:02:64, 24:02:66-**24:02:88**, **24:02:90**-24:02:99, 24:02:101-24:02:122, 24:02:124-24:02:135, 24:147-24:154, 24:161-24:162, 24:165-24:166, 24:170-24:172:02, 24:174-24:176, 24:178-24:179, 24:181, 24:186-24:187, 24:189, 24:193, 24:195, 24:198, 24:200-24:203, 24:209, 24:212, 24:214, 24:216-24:217, 24:221, 24:223-24:224, 24:226:01-24:226:02, 24:230, 24:236-24:237, 24:239, 24:241-24:247, 24:254, 24:257-24:259, 24:261-24:262, 24:272-24:274, 24:277, 24:279, 24:281-24:282, 24:284, 24:286, 24:292, 24:295, 24:298, 24:301, 24:305-24:306, 24:311, 24:313:01-24:313:02, 24:317-24:318, 24:320-24:321, 24:325-24:326, 24:328, 24:332, 24:334-24:336, 24:338, 24:341, 24:343, 24:346, 24:350-24:351, 24:358, 24:360-24:366, 24:368-24:369, 24:371-24:372, 24:375-24:376, 24:378Q, 24:380, 24:382-24:386, 24:388N-24:389N, 24:391, 24:393-24:394, 24:396N-24:398, 24:400-24:403, 24:407, 24:411, 24:413, 24:415-24:423, 24:425N-24:440, 24:442-24:445N, 24:447Q-24:449, 24:451-24:452, 24:454-24:456N, 24:460, 24:463-24:470, 24:473Q-24:476, 24:479Q-24:480, 24:482, 24:484 | (Negative Control) |
| **\*24:02:01:02L**, 24:450Q | |
| \*24:02:03Q | |
| **\*24:02:05**, 24:02:89, 24:02:100, 24:348 | |
| \*24:02:10, 24:02:123 | |
| **\*24:02:65**, 24:462 | |
| **\*24:03:01:01**-24:03:04, 24:459, 24:461, 24:483 | |
| **\*24:04** | |
| **\*24:05:01**-24:05:02 | |
| \*24:06 | |
| **\*24:07:01:01**-24:07:03, 24:347:01, 24:457, 24:477 | |
| **\*24:08** | |
| **\*24:09N** | |
| **\*24:10:01:01**-24:10:02, 24:300, 24:340 | |
| **\*24:11N** | |
| \*24:13:01-**24:13:02**, 23:104[5] | |
| **\*24:14:01:01**-24:14:01:04 | |
| \*24:15 | |
| **\*24:17** | |
| \*24:18 | |
| \*24:19 | |
| **\*24:20:01:01**-24:20:01:02 | |
| **\*24:21:01**-24:21:03 | |
| **\*24:22** | |
| **\*24:23** | |
| **\*24:24** | |
| **\*24:25** | |
| **\*24:26** | |
| \*24:27 | |
| **\*24:28** | |
| **\*24:29**, 24:271[4] | |
| **\*24:30** | |
| \*24:31 | |
| **\*24:32** | |
| **\*24:33** | |
| \*24:34 | |

| HLA-A allele[1,2,3] | | HLA-A allele[1,2,3] |
|---|---|---|
| *24:35 | | *24:35 |
| *24:36N | | *24:36N |
| *24:37, 24:119[4] | | *24:37, 24:119[4] |
| *24:38 | | *24:38 |
| *24:39 | | *24:39 |
| *24:40N | | *24:40N |
| *24:41 | | *24:41 |
| *24:42 | | *24:42 |
| *24:43 | | *24:43 |
| *24:44 | | *24:44 |
| *24:45N | | *24:45N |
| *24:46 | | *24:46 |
| *24:47, 24:232N[4] | | *24:47, 24:232N[4] |
| *24:48N | | *24:48N |
| *24:49, 24:126[4] | | *24:49, 24:126[4] |
| *24:50 | | *24:50 |
| *24:51 | | *24:51 |
| *24:52 | | *24:52 |
| *24:53, 24:296 | | *24:53, 24:296 |
| *24:54 | | *24:54 |
| *24:55 | | *24:55 |
| *24:56, 24:177, 24:367 | | *24:56, 24:177, 24:367 |
| *24:57, 24:458 | | *24:57, 24:458 |
| *24:58 | | *24:58 |
| *24:59, 24:190, 24:229 | | *24:59, 24:190, 24:229 |
| *24:60N, 24:205[4] | | *24:60N, 24:205[4] |
| *24:61, 24:409 | | *24:61, 24:409 |
| *24:62 | | *24:62 |
| *24:63 | | *24:63 |
| *24:64 | | *24:64 |
| *24:66, 24:333 | | *24:66, 24:333 |
| *24:67 | | *24:67 |
| *24:68 | | *24:68 |
| *24:69 | | *24:69 |
| *24:70 | | *24:70 |
| *24:71 | | *24:71 |
| *24:72, 24:297[4] | | *24:72, 24:297[4] |
| *24:73, 24:157 | | *24:73, 24:157 |
| *24:74:01-24:74:02 | | *24:74:01-24:74:02 |
| *24:75 | | *24:75 |
| *24:76, 24:98[4] | | *24:76, 24:98[4] |
| *24:77 | | *24:77 |
| *24:78, 24:353 | | *24:78, 24:353 |
| *24:79, 24:249[4] | | *24:79, 24:249[4] |
| *24:80, 24:184[4] | | *24:80, 24:184[4] |
| *24:81, 24:134[4] | | *24:81, 24:134[4] |
| *24:82, 24:128[4] | | *24:82, 24:128[4] |

| Well No. | HLA-A allele[1,2,3] | Well No. |
|---|---|---|
| 1–96 | | |

| HLA-A allele[1,2,3] | | HLA-A allele[1,2,3] |
|---|---|---|
| *24:83N | | *24:83N |
| *24:84N, 24:218[4] | | *24:84N, 24:218[4] |
| *24:85 | | *24:85 |
| *24:86N | | *24:86N |
| *24:87 | | *24:87 |
| *24:88 | | *24:88 |
| *24:89 | | *24:89 |
| *24:90:01N-24:90:02N | | *24:90:01N-24:90:02N |
| *24:91 | | *24:91 |
| *24:92 | | *24:92 |
| *24:93 | | *24:93 |
| *24:94 | | *24:94 |
| *24:95 | | *24:95 |
| *24:96 | | *24:96 |
| *24:97 | | *24:97 |
| *24:99, 24:472 | | *24:99, 24:472 |
| *24:100, 24:260 | | *24:100, 24:260 |
| *24:101, 24:111[4] | | *24:101, 24:111[4] |
| *24:102-24:103[4] | | *24:102-24:103[4] |
| *24:104, 24:117[4] | | *24:104, 24:117[4] |
| *24:105, 24:121[4] | | *24:105, 24:121[4] |
| *24:106, 24:136, 24:330[4] | | *24:106, 24:136, 24:330[4] |
| *24:107 | | *24:107 |
| *24:108 | | *24:108 |

Negative Control

*24:109
**24:110**
*24:112
**24:113**
*24:114
**24:115, 24:234**[4]
*24:116, 24:352[4]
**24:118**
*24:120
**24:122**
**24:123**
*24:124
*24:125
*24:127
**24:129**
*24:130
*24:131
**24:132N**
*24:133
**24:135:01**-24:135:02, **24:238**[4]
**24:137**
**24:138**
*24:139
*24:140
*24:141
*24:142:01-24:142:02
*24:143
*24:144, 24:268
**24:145**, 24:156, 24:191
**24:146**
*24:155N
*24:158N
**24:159**
**24:160**

| Well No. | | HLA-A allele[1,2,3] |
|---|---|---|

*24:163N
**24:164**, 24:373, 24:399, 24:405, 24:446, 02:804, 33:19[5]
**24:167**
**24:168**
**24:169**
**24:173**
**24:180**
**24:182**
**24:183N**
*24:185N
**24:188**
**24:192**
**24:194**
**24:196**
**24:197**
*24:199
*24:204
**24:206, 24:322**[4]
**24:207:01**-24:207:02
*24:208:01-24:208:02
*24:210
**24:213**
**24:215**
*24:219, 24:283, 24:349, 24:390
**24:220**
*24:222N
**24:225:01**-24:225:02, 24:240N[4]
*24:227, 24:327
**24:228**
**24:231**, 24:410[4]
**24:233**
**24:235**
**24:248**
*24:250
*24:251
**24:252N**

Negative Control

| HLA-A allele | Well No. |
|---|---|
| *24:253 | *24:253 |
| **\*24:255** | **\*24:255** |
| *24:256 | *24:256 |
| *24:263 | *24:263 |
| *24:264 | *24:264 |
| *24:265 | *24:265 |
| *24:266 | *24:266 |
| *24:267 | *24:267 |
| *24:269 | *24:269 |
| *24:270 | *24:270 |
| **\*24:275** | **\*24:275** |
| **\*24:276** | **\*24:276** |
| *24:278N | *24:278N |
| **\*24:280** | **\*24:280** |
| *24:285 | *24:285 |
| **\*24:287** | **\*24:287** |
| *24:288 | *24:288 |
| *24:289 | *24:289 |
| **\*24:290** | **\*24:290** |
| *24:291 | *24:291 |
| **\*24:293** | **\*24:293** |
| *24:294Q | *24:294Q |

**Well No.**

Well numbers 1–96 (columns): 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

| HLA-A allele[1,2,3] | HLA-A allele[1,2,3] |
|---|---|
| *24:299 | *24:299 |
| **\*24:302** | **\*24:302** |
| *24:303N | *24:303N |
| *24:304, 24:316, 24:412, 24:481 | *24:304, 24:316, 24:412, 24:481 |
| **\*24:307** | **\*24:307** |
| *24:308 | *24:308 |
| *24:309 | *24:309 |
| *24:310:01-24:310:02 | *24:310:01-24:310:02 |
| *24:312N | *24:312N |
| **\*24:314** | **\*24:314** |
| *24:315 | *24:315 |
| *24:319, 24:344, 24:408N | *24:319, 24:344, 24:408N |
| *24:323N | *24:323N |
| **\*24:324** | **\*24:324** |
| *24:329Q, 24:404 | *24:329Q, 24:404 |
| **\*24:331** | **\*24:331** |
| *24:337 | *24:337 |
| **\*24:339** | **\*24:339** |
| *24:342 | *24:342 |
| **\*24:345** | **\*24:345** |
| *24:347:02 | *24:347:02 |
| *24:354 | *24:354 |
| *24:355 | *24:355 |
| **\*24:356** | **\*24:356** |
| **\*24:357N** | **\*24:357N** |
| *24:359N | *24:359N |
| *24:370N | *24:370N |
| *24:374 | *24:374 |
| **\*24:377** | **\*24:377** |
| *24:379 | *24:379 |
| *24:381 | *24:381 |
| *24:387 | *24:387 |
| *24:392 | *24:392 |
| *24:395 | *24:395 |
| *24:406 | *24:406 |
| *24:414 | *24:414 |
| *24:424 | *24:424 |
| *24:441 | *24:441 |
| *24:453 | *24:453 |
| *24:478 | *24:478 |

Negative Control

| HLA-A allele[1,2,3] | Wells (1–96) | HLA-A allele[1,2,3] |
|---|---|---|
| *01:01:01:01-01:01:37, 01:01:39-01:01:65, 01:01:67-01:01:101, 01:01:103-01:01:112, 01:03:01:01-01:03:02, 01:06-01:19, 01:21-01:33, 01:35-01:37:01:02, 01:40-01:41, 01:43-01:44, 01:46-01:65, 01:67:01-01:71, 01:74-01:88:01, 01:89-01:101, 01:103-01:127, 01:129, 01:131-01:133, 01:135-01:138, 01:140:01-01:144, 01:146-01:153, 01:155-01:166, 01:168-01:187, 01:189, 01:191-01:199, 01:201-01:220, 01:222-01:228Q, 01:230-01:235, 01:237-01:242, 01:245-01:266:02, 01:268-01:283, 01:285N-01:300, 01:302-01:305, 01:308N-01:343, 11:27, 11:38-11:39, 11:94, 11:271, 11:326, 25:59 | + (~33), + (~44) | *01:01:01:01-01:01:37, 01:01:39-01:01:65, 01:01:67-01:01:101, 01:01:103-01:01:112, 01:03:01:01-01:03:02, 01:06-01:19, 01:21-01:33, 01:35-01:37:01:02, 01:40-01:41, 01:43-01:44, 01:46-01:65, 01:67:01-01:71, 01:74-01:88:01, 01:89-01:101, 01:103-01:127, 01:129, 01:131-01:133, 01:135-01:138, 01:140:01-01:144, 01:146-01:153, 01:155-01:166, 01:168-01:187, 01:189, 01:191-01:199, 01:201-01:220, 01:222-01:228Q, 01:230-01:235, 01:237-01:242, 01:245-01:266:02, 01:268-01:283, 01:285N-01:300, 01:302-01:305, 01:308N-01:343, 11:27, 11:38-11:39, 11:94, 11:271, 11:326, 25:59 |
| *01:01:38L | + + (~33,34), + (~40), + (~44) | *01:01:38L |
| Well No. | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | Well No. |
| *01:01:102, 01:38, 01:42, 01:128, 01:139, 01:154, 01:221, 03:18, 03:97, 03:122, 03:135, 03:167, 29:03, 29:33, 80:01:01:01-80:06 | + (~44) | *01:01:102, 01:38, 01:42, 01:128, 01:139, 01:154, 01:221, 03:18, 03:97, 03:122, 03:135, 03:167, 29:03, 29:33, 80:01:01:01-80:06 |
| *01:02:01-01:02:02, 01:188, 01:190, 01:307 | + (~24), + + (~33,34), + (~44) | *01:02:01-01:02:02, 01:188, 01:190, 01:307 |
| *01:04:01:01N-01:04:01:02N | + (~18), + (~34), + (~44) | *01:04:01:01N-01:04:01:02N |
| *01:20 | + (~24), + + (~33,34), + (~46), + (~75) | *01:20 |
| *01:39, 01:145, 32:13 | + (~34), + (~42), + (~44) | *01:39, 01:145, 32:13 |
| *01:45 | + (~22), + (~34), + (~44) | *01:45 |
| *01:66, 01:130 | + (~34), + (~44), + (~75) | *01:66, 01:130 |
| *01:73 | + (~34), + (~44) | *01:73 |
| *01:88:02-01:88:03, 01:236, 11:209 | + (~15), + (~34), + (~44), + (~74) | *01:88:02-01:88:03, 01:236, 11:209 |
| *01:134, 01:229 | + (~24), + (~34), + (~44) | *01:134, 01:229 |
| *01:243 | + (~34), + (~44), + (~63) | *01:243 |
| *01:267 | + (~34), + (~66) | *01:267 |
| *01:301Q | + (~11), + (~16), + + (~23,24), + (~31), + (~34), + (~83) | *01:301Q |
| *01:306 | + (~30), + (~32), + (~34), + (~44), + (~60) | *01:306 |
| *02:01:01:01-02:01:08, 02:01:10-02:01:14Q, 02:01:17-02:01:19, 02:01:21-02:01:81, 02:01:83-02:01:163, 02:01:165-02:05:04, 02:05:06-02:06:06, 02:06:08-02:06:12, 02:06:14-02:07:03, 02:07:05-02:07:11, 02:07:13-02:09:01:02, 02:11:01:01-02:16, 02:18, 02:20:01-02:22:02, 02:24:01-02:35:03, 02:38, 02:40:01-02:45, 02:47, | Control | *02:01:01:01-02:01:08, 02:01:10-02:01:14Q, 02:01:17-02:01:19, 02:01:21-02:01:81, 02:01:83-02:01:163, 02:01:165-02:05:04, 02:05:06-02:06:06, 02:06:08-02:06:12, 02:06:14-02:07:03, 02:07:05-02:07:11, 02:07:13-02:09:01:02, 02:11:01:01-02:16, 02:18, 02:20:01-02:22:02, 02:24:01-02:35:03, 02:38, 02:40:01-02:45, 02:47, |

**Negative Control** (left column allele list):

02:49:01-02:49:02, 02:51-02:53N, 02:55-02:64:02, 02:66-02:72, 02:71-02:72, 02:74:01-02:75, 02:77-02:80, 02:82N-02:86:02, 02:89:01-02:92, 02:94N-02:97:02, 02:99:01-02:99:02, 02:101:01-02:105, 02:107, 02:109, 02:111, 02:113:01N-02:121, 02:123, 02:125N-02:128, 02:130-02:131:02, 02:133-02:134, 02:137-02:144, 02:146-02:147, 02:149-02:155, 02:157:01-02:171:02, 02:173-02:178, 02:180-02:241, 02:243:01, 02:246-02:254, 02:256-02:261, 02:263-02:267, 02:269-02:278, 02:280-02:299, 02:301N-02:302, 02:304, 02:306-02:318, 02:320-02:333, 02:335-02:337, 02:339-02:397, 02:399-02:416, 02:418-02:452, 02:454, 02:456-02:467, 02:468:02N, 02:470-02:528:01, 02:529-02:546, 02:548-02:570:02, 02:572-02:590, 02:591:02-02:593, 02:595-02:603, 02:605Q-02:613, 02:615-02:616, 02:618Q-02:621, 02:623-02:624, 02:626-02:627, 02:629, 02:632-02:642, 02:644-02:650, 02:652-02:656, 02:658-02:665, 02:667-02:679, 02:681-02:684, 02:686-02:690, 02:693-02:699, 02:701-02:722, 02:724-02:735, 02:737-02:803N, 02:805Q-02:821, 02:823-02:828, 02:830-02:847, 02:849-02:882, 02:884-02:889, 02:891-02:894, 02:896N-02:909, 02:911-02:914, 26:186, 66:36, 69:01:01-69:03, 69:05-69:08

**Well No.** (columns numbered 1–96)

**HLA-A allele[1,2,3]**

| HLA-A allele[1,2,3] |
|---|
| *02:01:09, 02:05:05, 02:06:07, 02:07:12, 02:243:02-02:243:03, 02:528:02, 02:591:01 |
| *02:10, 02:39, 02:148, 02:242, 02:244, 02:398, 02:453, 02:604, 02:628, 02:630 |
| *02:17:02:01, 02:17:03-02:17:04 |
| *02:17:02:02, 02:108, 02:110, 02:268, 02:300, 02:303, 02:617, 02:657 |
| *02:19 |
| *02:36-02:37, 02:54, 02:255, 02:417, 02:723, 02:848, 02:883 |
| *02:46, 02:48, 02:70 |
| *02:50, 02:122 |
| *02:73, 02:156 |
| *02:76:01, 02:319, 02:666 |
| *02:76:02 |
| *02:81, 02:87, 02:112, 02:124, 02:136 |
| *02:88N, 02:622N |
| *02:93:01-02:93:02, 02:172, 02:279, 02:594, 02:631, 69:04 |
| *02:106, 02:145 |
| *02:129 |
| *02:245, 02:334, 02:338, 02:890, 68:164 |
| *02:262, 02:547, 02:700, 02:910 |
| *02:468:01N, 02:895N |
| *02:469 |
| *02:571 |
| *02:643N |
| *02:651, 68:44, B*07:136:02, B*40:323:02, B*44:59:02, B*44:136, B*51:136, C*07:204:01, C*07:482 |
| *02:680 |
| *02:691N |
| *02:736 |
| *03:09, 03:89:02, 03:108, 03:172, 03:198, 03:330N, 11:06, 11:18, 11:312, 25:11, 26:03:01:01-26:03:01:02, 26:06, 26:21, 26:30, 26:78, 26:92, 26:111, 26:177, 26:193, 29:19, 29:48, 32:08, 33:24, 33:184, 74:06, 74:21 |

**Negative Control** (right column allele list, duplicate):

02:49:01-02:49:02, 02:51-02:53N, 02:55-02:64:02, 02:66-02:68, 02:71-02:72, 02:74:01-02:75, 02:77-02:80, 02:82N-02:86:02, 02:89:01-02:92, 02:94N-02:97:02, 02:99:01-02:99:02, 02:101:01-02:105, 02:107, 02:109, 02:111, 02:113:01N-02:121, 02:123, 02:125N-02:128, 02:130-02:131:02, 02:133-02:134, 02:137-02:144, 02:146-02:147, 02:149-02:155, 02:157:01-02:171:02, 02:173-02:178, 02:180-02:241, 02:243:01, 02:246-02:254, 02:256-02:261, 02:263-02:267, 02:269-02:278, 02:280-02:299, 02:301N-02:302, 02:304, 02:306-02:318, 02:320-02:333, 02:335-02:337, 02:339-02:397, 02:399-02:416, 02:418-02:452, 02:454, 02:456-02:467, 02:468:02N, 02:470-02:528:01, 02:529-02:546, 02:548-02:570:02, 02:572-02:590, 02:591:02-02:593, 02:595-02:603, 02:605Q-02:613, 02:615-02:616, 02:618Q-02:621, 02:623-02:624, 02:626-02:627, 02:629, 02:632-02:642, 02:644-02:650, 02:652-02:656, 02:658-02:665, 02:667-02:679, 02:681-02:684, 02:686-02:690, 02:693-02:699, 02:701-02:722, 02:724-02:735, 02:737-02:803N, 02:805Q-02:821, 02:823-02:828, 02:830-02:847, 02:849-02:882, 02:884-02:889, 02:891-02:894, 02:896N-02:909, 02:911-02:914, 26:186, 66:36, 69:01:01-69:03, 69:05-69:08

**Negative Control**

**Well No.**

**HLA-A allele[1,2,3]**

| HLA-A allele[1,2,3] | Well No. 1-56 | HLA-A allele[1,2,3] |
|---|---|---|
| *03:17:01, 03:171, 29:101:01-29:101:02, 31:67-31:68, 33:32:01, 33:152, 68:01:01:01-68:01:21, 68:01:23-68:01:29, 68:01:31-68:01:53, 68:03:01:01-68:04:02, 68:06-68:14, 68:16-68:17:02, 68:19, 68:21:01-68:24, 68:29-68:30, 68:32-68:33, 68:35:01:01-68:39, 68:41-68:43:02, 68:46-68:47, 68:50:01-68:50:02, 68:52, 68:55:01-68:59N, 68:63, 68:66:01-68:66:02, 68:68-68:73, 68:75:01-68:76:02, 68:79, 68:84-68:85, 68:87-68:90, 68:93-68:96, 68:98-68:104:02, 68:106, 68:108-68:109, 68:111-68:114, 68:116, 68:118, 68:120N-68:122, 68:126-68:127, 68:129-68:130:02, 68:132-68:137, 68:139, 68:141-68:144, 68:146, 68:148Q-68:152, 68:154-68:159Q, 68:161-68:162, 68:165-68:168, 68:171:01N-68:173, 68:175-68:177, 68:179-68:183, 68:185, 68:188-68:192, 68:194-68:197, 68:199N-68:200, 68:202-68:215, 68:217-68:218, 68:220-68:224, 68:226-68:231 | | *03:17:01, 03:171, 29:101:01-29:101:02, 31:67-31:68, 33:32:01, 33:152, 68:01:01:01-68:01:21, 68:01:23-68:01:29, 68:01:31-68:01:53, 68:03:01:01-68:04:02, 68:06-68:14, 68:16-68:17:02, 68:19, 68:21:01-68:24, 68:29-68:30, 68:32-68:33, 68:35:01:01-68:39, 68:41-68:43:02, 68:46-68:47, 68:50:01-68:50:02, 68:52, 68:55:01-68:59N, 68:63, 68:66:01-68:66:02, 68:68-68:73, 68:75:01-68:76:02, 68:79, 68:84-68:85, 68:87-68:90, 68:93-68:96, 68:98-68:104:02, 68:106, 68:108-68:109, 68:111-68:114, 68:116, 68:118, 68:120N-68:122, 68:126-68:127, 68:129-68:130:02, 68:132-68:137, 68:139, 68:141-68:144, 68:146, 68:148Q-68:152, 68:154-68:159Q, 68:161-68:162, 68:165-68:168, 68:171:01N-68:173, 68:175-68:177, 68:179-68:183, 68:185, 68:188-68:192, 68:194-68:197, 68:199N-68:200, 68:202-68:215, 68:217-68:218, 68:220-68:224, 68:226-68:231 |
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| *03:30, 03:152, 03:273 | | *03:30, 03:152, 03:273 |
| *03:72, 11:88, 30:01:01:01-30:01:17, 30:11:01-30:11:02, 30:14L-30:20, 30:23-30:26, 30:30-30:31, 30:35-30:43, 30:48-30:49, 30:52-30:54, 30:56, 30:58-30:60, 30:62-30:63, 30:65, 30:72-30:73N, 30:78N, 30:81-30:83, 30:86-30:89, 30:91-30:98, 30:102, 30:104, 30:106, 30:109-30:116, 30:118, 30:120, 30:122-30:123N, 30:125-30:126, 30:128-30:131, 30:134-30:138, 30:140-30:143, 30:145N, 30:147-30:148, 30:154, 30:159, 30:161, 30:164-30:165 | | *03:72, 11:88, 30:01:01:01-30:01:17, 30:11:01-30:11:02, 30:14L-30:20, 30:23-30:26, 30:30-30:31, 30:35-30:43, 30:48-30:49, 30:52-30:54, 30:56, 30:58-30:60, 30:62-30:63, 30:65, 30:72-30:73N, 30:78N, 30:81-30:83, 30:86-30:89, 30:91-30:98, 30:102, 30:104, 30:106, 30:109-30:116, 30:118, 30:120, 30:122-30:123N, 30:125-30:126, 30:128-30:131, 30:134-30:138, 30:140-30:143, 30:145N, 30:147-30:148, 30:154, 30:159, 30:161, 30:164-30:165 |
| *03:78, 11:108 | | *03:78, 11:108 |
| *03:170, B*18:38, B*40:197, B*57:68 | | *03:170, B*18:38, B*40:197, B*57:68 |
| *03:347 | | *03:347 |
| *11:01:76, 11:106 | | *11:01:76, 11:106 |
| *11:01:98 | | *11:01:98 |
| *11:119:01-11:119:02, 26:10, 32:28, 32:66, 68:02:01:01-68:02:15, 68:18N, 68:25, 68:27:01-68:28, 68:31, 68:34, 68:40, 68:48-68:49N, 68:51, 68:53-68:54, 68:60-68:62, 68:64, 68:67, 68:74, 68:77-68:78, 68:80-68:82, 68:86, 68:97, 68:110, 68:119:01-68:119:02, 68:124-68:125, 68:128, 68:138, 68:147, 68:153, 68:160, 68:163, 68:169-68:170, 68:174, 68:178, 68:184, 68:186-68:187, 68:193, 68:198, 68:201, 68:216N, 68:219, 68:225 | | *11:119:01-11:119:02, 26:10, 32:28, 32:66, 68:02:01:01-68:02:15, 68:18N, 68:25, 68:27:01-68:28, 68:31, 68:34, 68:40, 68:48-68:49N, 68:51, 68:53-68:54, 68:60-68:62, 68:64, 68:67, 68:74, 68:77-68:78, 68:80-68:82, 68:86, 68:97, 68:110, 68:119:01-68:119:02, 68:124-68:125, 68:128, 68:138, 68:147, 68:153, 68:160, 68:163, 68:169-68:170, 68:174, 68:178, 68:184, 68:186-68:187, 68:193, 68:198, 68:201, 68:216N, 68:219, 68:225 |
| *11:139 | | *11:139 |
| *11:193 | | *11:193 |
| *11:325 | | *11:325 |
| *11:359 | | *11:359 |

*(Negative Control column runs along the right side of the grid)*

| HLA-A allele[1,2,3] | Well No. | HLA-A allele[1,2,3] |
|---|---|---|
| *23:01:01:01-23:01:30, 23:06, 23:08N, 23:11N, 23:15, 23:17:01:01-23:17:02, 23:19N-23:21, 23:23, 23:25-23:26, 23:30, 23:32-23:33, 23:35, 23:37:01-23:37:02, 23:39, 23:41-23:42, 23:44, 23:48-23:50, 23:52, 23:54, 23:56, 23:58-23:63, 23:65, 23:67-23:68, 23:71-23:72, 23:77, 23:84N-23:86, 23:89-23:91N, 23:93-23:95, 23:98-23:99, 23:101, 23:103N, 23:106N-23:107Q | | *23:01:01:01-23:01:30, 23:06, 23:08N, 23:11N, 23:15, 23:17:01:01-23:17:02, 23:19N-23:21, 23:23, 23:25-23:26, 23:30, 23:32-23:33, 23:35, 23:37:01-23:37:02, 23:39, 23:41-23:42, 23:44, 23:48-23:50, 23:52, 23:54, 23:56, 23:58-23:63, 23:65, 23:67-23:68, 23:71-23:72, 23:77, 23:84N-23:86, 23:89-23:91N, 23:93-23:95, 23:98-23:99, 23:101, 23:103N, 23:106N-23:107Q |
| *23:02 | | *23:02 |
| *23:03:01-23:03:02 | | *23:03:01-23:03:02 |
| *23:04 | | *23:04 |

| HLA-A allele | | HLA-A allele |
|---|---|---|
| *23:05 | | *23:05 |
| *23:07N | | *23:07N |
| *23:09, 23:51 | | *23:09, 23:51 |
| *23:10 | | *23:10 |
| *23:12 | | *23:12 |
| *23:13 | | *23:13 |
| *23:14:01-23:14:02 | | *23:14:01-23:14:02 |
| *23:16 | | *23:16 |
| *23:18 | | *23:18 |
| *23:22 | | *23:22 |
| *23:24, 23:57 | | *23:24, 23:57 |
| *23:27 | | *23:27 |
| *23:28 | | *23:28 |
| *23:29 | | *23:29 |
| *23:31 | | *23:31 |
| *23:34 | | *23:34 |
| *23:36 | | *23:36 |
| *23:38N | | *23:38N |
| *23:40 | | *23:40 |
| *23:43, 23:79, 23:108N | | *23:43, 23:79, 23:108N |
| *23:45 | | *23:45 |
| *23:46 | | *23:46 |
| *23:47 | | *23:47 |
| *23:53 | | *23:53 |
| *23:55 | | *23:55 |
| *23:64 | | *23:64 |
| *23:66 | | *23:66 |
| *23:70 | | *23:70 |
| *23:73 | | *23:73 |
| *23:74 | | *23:74 |
| *23:75 | | *23:75 |
| *23:76 | | *23:76 |
| *23:78 | | *23:78 |
| *23:80 | | *23:80 |
| *23:81 | | *23:81 |
| *23:82 | | *23:82 |
| *23:83 | | *23:83 |
| *23:87 | | *23:87 |
| *23:88 | | *23:88 |
| *23:92, 23:96, 23:100 | | *23:92, 23:96, 23:100 |
| *23:97 | | *23:97 |
| *23:102 | | *23:102 |
| *23:105 | | *23:105 |
| *25:36, 25:65 | | *25:36, 25:65 |
| *26:16 | | *26:16 |
| *26:29, 26:49, 66:10 | | *26:29, 26:49, 66:10 |

**Well No.** ... 1111111111222222222233333333334444444444555555555566666666667777777777888888888899999999
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234 56

**HLA-A allele[1,2,3]**

| HLA-A allele[1,2,3] | | HLA-A allele[1,2,3] |
|---|---|---|
| *26:169 | | *26:169 |
| *29:07, 29:49 | | *29:07, 29:49 |
| *29:13, 32:42 | | *29:13, 32:42 |
| *29:37, 29:56 | | *29:37, 29:56 |
| *30:02:01:01-30:04:03, 30:06, 30:09-30:10, 30:12:01-30:13, 30:27N-30:29, 30:32-30:34, 30:44-30:47, 30:50-30:51, 30:64, 30:66-30:71, 30:76N-30:77, 30:80, 30:84-30:85, 30:99-30:101Q, 30:103, 30:105, 30:107-30:108, 30:117, 30:119, 30:121N, 30:124, 30:127, 30:139, 30:144, 30:146, 30:149, 30:151, 30:153, 30:155-30:158N, 30:160, 30:162, 32:07 | | *30:02:01:01-30:04:03, 30:06, 30:09-30:10, 30:12:01-30:13, 30:27N-30:29, 30:32-30:34, 30:44-30:47, 30:50-30:51, 30:64, 30:66-30:71, 30:76N-30:77, 30:80, 30:84-30:85, 30:99-30:101Q, 30:103, 30:105, 30:107-30:108, 30:117, 30:119, 30:121N, 30:124, 30:127, 30:139, 30:144, 30:146, 30:149, 30:151, 30:153, 30:155-30:158N, 30:160, 30:162, 32:07 |
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| *30:22 | | *30:22 |
| *30:57, 30:90 | | *30:57, 30:90 |
| *30:61 | | *30:61 |
| *30:74 | | *30:74 |
| *30:75 | | *30:75 |
| *30:132N | | *30:132N |
| *30:163 | | *30:163 |
| *31:05, 33:10 | | *31:05, 33:10 |
| *31:07, 31:10 | | *31:07, 31:10 |
| *31:08 | | *31:08 |

Negative Control

Control

| HLA-A allele [1,2,3] | | HLA-A allele [1,2,3] |
|---|---|---|
| *31:29, 33:187 | | *31:29, 33:187 |
| *32:05 | | *32:05 |
| *32:79 | | *32:79 |
| *32:97 | | *32:97 |
| *33:21 | | *33:21 |
| *33:119 | | *33:119 |
| *33:180 | | *33:180 |
| *68:05, 68:20 | | *68:05, 68:20 |
| *68:15 | | *68:15 |
| *68:26, 68:65, 68:115, 68:131 | | *68:26, 68:65, 68:115, 68:131 |
| *68:45, 68:117 | | *68:45, 68:117 |
| *68:92 | | *68:92 |
| *68:107 | | *68:107 |
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| B*13:90, B*37:90, B*57:105 | | B*13:90, B*37:90, B*57:105 |
| B*13:102, B*44:322, B*51:129 | | B*13:102, B*44:322, B*51:129 |
| B*18:27 | | B*18:27 |
| B*44:63 | | B*44:63 |
| B*49:27 | | B*49:27 |
| B*51:290, B*52:87, B*53:58 | | B*51:290, B*52:87, B*53:58 |
| C*03:231, C*04:52, C*04:55, C*04:405, C*14:10, C*14:46:02 | | C*03:231, C*04:52, C*04:55, C*04:405, C*14:10, C*14:46:02 |
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| C*12:37 | | C*12:37 |