

101.412-24/04 – including *Taq* polymerase
 101.412-24u/04u – without *Taq* polymerase

Lot No.: **25R**

Olerup SSP[®] HLA-A*02

Product number: 101.412-24/04 – including *Taq* pol.
 101.412-24u/04u – without *Taq* pol.

Lot number: 25R

Expiry date: 2015-May-01

Number of tests: 24 tests – Product No. 101.412-24/24u
 4 tests – Product No. 101.412-04/04u

Number of wells per test: 96

CHANGES COMPARED TO THE PREVIOUS HLA-A*02 LOT (93N):

Well	5'-primer	3'-primer	rationale
1	Added	Added	Primers added for the A*02:01:55 and A*02:01:66 alleles.
3	-	Added	3'-primers added for the A*02:01:59 and A*02:01:68 alleles.
19	-	Added	3'-primer added for the A*02:283 allele.
20	Added	Added	Primer pair added for the A*02:200 allele.
21	Added	Added	Primer pair added for the A*02:291 allele.
24	Added	Added	Primer pairs added for the A*02:230 and A*02:233 alleles.
25	-	Added	3'-primers added for the A*02:283 and A*02:226N alleles.
35	-	Added	3'-primer added for the A*24:40:02 allele.
37	-	Added	3'-primer added for the A*24:101:02 allele.
38	Added	Added	Primer pair added for the A*02:351 allele.
39	-	Added	3'-primer added for the A*02:293Q allele.
40	-	Added	3'-primer added for the A*02:40:02 allele.
44	Added	Added	Primers added for the A*02:203 and A*02:222N alleles.
47	-	Added	3'-primers added for the A*02:90, A*02:205 and A*02:207 alleles.
49	-	Added	3'-primers added for the A*02:101:02 and A*02:267 alleles.
55	Added	Added	Primer pair added for the A*02:323 allele.
59	-	Added	3'-primer added for the A*02:305N allele.
63	Added	Modified	5'-primers added for the A*02.301N and A*02:259 alleles.
64	Added	-	5'-primer added for the A*02:221 allele.
65	Added	Added	Primers added for the A*02:202 and A*02:251 alleles.
67	Added	Added	Primer pairs added for the A*02:330 and A*02:350N alleles.
68	-	Added	3'-primer added for the A*02:321N allele.

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69	Added	Added	Primer pair added for the A*02:260 allele.
70	-	Added	3'-primers added for the A*02:269 and A*02:367 alleles.
73	Added	Added	Primer pair added for the A*02:263 allele, exchanged positive control primer pair.
74	Added	-	5'-primer added for the A*02:223N allele.
75	-	Added	3'-primer added for the A*02:373N allele.
76	Added	Added	Primer pair added for the A*02:225N allele.
78	Added	-	5'-primer added for the A*02:213 allele.
79	Added	Added	Primer pair added for the A*02:227N allele.
80	Added	-	5'-primer added for the A*02:214 allele.
81	-	Added	3'-primer added for the A*02:299 allele.
82	-	Added	3'-primer added for the A*02:291 allele.
83	Added	Added	Primer pairs added for the A*02:215 and A*02:237 alleles.
84	-	Added	3'-primers added for the A*02:250N and A*02:315 alleles.
85	Added	Added	Primer pair added for the A*02:314N allele.
86	-	Added	3'-primer added for the A*02:228 allele.
87	Added	Added	Primer pair added for the A*02:284N allele, exchanged positive control primer pair.
88	-	Added	3'-primer added for the A*02:235 allele.
89	Added	Added	Primer pair added for the A*02:227N allele.
90	Added	-	5'-primer added for the A*02:206 allele.
91	Added	-	5'-primers added for the 02:211:01 and 02:211:02 alleles.
94	Added	-	5'-primer added for the A*02:325 allele.
96	-	Added	3'-primer added for the A*02:366N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All HLA-A*02 alleles recognized in July 2012, i.e. A*02:01 to A*02:374, will be amplified by the primers in the HLA-A*02 subtyping kit; www.ebi.ac.uk/imgt/hla, 2012-July-12, release 3.9.0.

The HLA-A*02 kit enables separation of the confirmed HLA-A*02 alleles as listed in the IMGT/HLA database. An HLA allele is listed as confirmed by IMGT/HLA if it has been sequenced by more than a single laboratory or from multiple sources.

The HLA-A*02 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

The A*02:107, the 02:202 and the 02:251 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 65.

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The A*02:111 and 02:350N alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 67.

The A*02:119 and 02:263 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 73.

The A*02:120 and 02:223N alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 74.

The A*02:132, the 02:215 and the 02:237 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 83.

The A*02:134 and 02:314N alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 85.

The A*02:138 and 02:284N alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 87.

The A*02:139 and 02:235 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 88.

The A*02:141 and 02:275 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 90.

The A*02:150, the 02:197 and the 02:325 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 94.

The A*02:153 and 02:196 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 96.

The A*02:180 and 02:358 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 29.

The A*02:193 and 02:213 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 78.

The A*02:269 and 02:367 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 70.

The HLA-A*02 subtyping kit cannot distinguish the silent mutations in the A*02:01:01:01, 02:01:01:03-02:01:02, 02:01:04-02:01:15, 02:01:18-02:01:19, 02:01:21-02:01:51, 02:01:53-02:01:62, 02:01:64-02:01:73 and 02:01:75-02:01:80 alleles, the A*02:01:17, 02:01:52, 02:01:63 and 02:01:74 alleles, the A*02:03:01, 02:03:03-02:03:04 alleles, the A*02:05:01-02:05:05 alleles, the A*02:06:01-02:06:11 and 02:06:13 alleles, the A*02:07:01-02:07:02 alleles, the A*02:11:01, 02:11:03-02:11:04 alleles, the A*02:17:01-02:17:02 alleles, the 02:20:01-02:20:02 alleles, the A*02:22:01-02:22:02 alleles, the A*02:24:01-02:24:02 alleles, the A*02:40:01-02:40:02 alleles, the A*02:60:01-02:60:02 alleles, the A*02:74:01-02:74:02 alleles, the A*02:76:01-02:76:02 alleles, the A*02:79:01-02:79:02 alleles, the A*02:97:01-02:97:02 alleles, the A*02:101:01-02:101:02 alleles and the A*02:171:01-02:171:02 alleles.

RESOLUTION IN HLA-A*02 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*02 SUBTYPINGS BY NON-HLA-A*02 ALLELES:

A*02:01,68:xx = A*02:95,68:xx.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.