

Lot No.: **63K**

Olerup SSP[®] HLA-A*24

Product number: 101.422-24/03 – including *Taq* pol.
 101.422-24u/03u – without *Taq* pol.
Lot number: 63K
Expiry date: 2013-May-01
Number of tests: 24 tests – Product No. 101.422-24
 3 tests – Product No. 101.422-03
Number of wells per test: 93

CHANGES COMPARED TO THE PREVIOUS HLA-A*24 LOT (12G):

Well	5'-primer	3'-primer	Rationale
10	Added	-	Primer added for the A*24:02:23 allele.
15	Modified	Added	Primers added for the A*24:100 and A*24:109 alleles.
30	-	Added	Primer added for the A*24:21:02 allele.
31	-	Added	Primers added for the A*24:119 and A*24:129 alleles.
33	-	Added	Primer added for the A*24:139 allele.
35	Added	-	Primer added for the A*24:142 allele.
36	Added	-	Primer added for the A*24:124 allele.
38	Added	-	Primers added for the A*24:126 and A*24:137 alleles.
41	Added	-	Primers added for the A*24:118 and A*24:132N alleles.
45	Added	-	Primers added for the A*24:113 and A*24:132N alleles.
47	Added	-	Primer added for the A*24:123 allele.
51	Added	-	Primer added for the A*24:140 allele.
59	-	Added	Primers added for the A*24:127 and A*24:143 alleles.
61	-	Added	Primers added for the A*24:127 and A*24:141 alleles.
64	Added	-	Primer added for the A*24:124 allele.
68	-	Added	Primers added for the A*24:141 and A*24:143 alleles.
70	Added	-	Primer added for the A*24:134 allele.
71	Added	-	Primer added for the A*24:128 allele.
73	-	Added	Primer added for the A*24:131 allele.
77	-	Added	Primer added for the A*24:122 allele.
79	Added	-	Primer added for the A*24:114 allele.
80	Added	-	Primers added for the A*24:140 and A*24:142 alleles.
81	-	Added	Primers added for the A*24:133 and A*24:139 alleles.
82	-	Added	Primers added for the A*24:125 and A*24:130 alleles.
83	New	New	New primer pairs for the A*24:101 and A*24:111 alleles.
84	New	New	New primer pairs for the A*24:102, A*24:103 and A*24:107 alleles.
85	New	New	New primer pairs for the A*24:104 and A*24:117 alleles.
86	New	New	New primer pairs for the A*24:105 and A*24:121 alleles.
87	New	New	New primer pairs for the A*24:106, A*24:110 and A*24:136 alleles.
88	New	New	New primer pairs for the A*24:116 and A*24:137 alleles.
89	New	New	New primer pairs for the A*24:108 and A*24:112 alleles.
90	New	New	New primer pair for the A*24:115 allele.
91	New	New	New primer pair for the A*24:135 allele.
92	New	New	New primer pair for the A*24:144 allele.
93	New	New	New primer pair for the A*24:112 allele.

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THE NUMBER OF WELLS has been increased from 82 to 93.

ALLELE COVERAGE:

A*24:02 to A*24:144, i.e. all the currently recognized HLA-A*24 alleles, give rise to unique amplification patterns¹; www.ebi.ac.uk/imgt/hla, 2010-July-16, release 3.1.0.

¹The A*24:37 and 24:119 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 31.

The A*24:49 and 24:126 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 38.

The A*24:81 and 24:134 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 70.

The A*24:82 and 24:128 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 71.

The A*24:101 and 24:111 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 83.

The A*24:102 and 24:103 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 84.

The A*24:104 and 24:117 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 85.

The A*24:105 and 24:121 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 86.

The A*24:106 and 24:136 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 87.

RESOLUTION IN HLA-A*24 HOMO- AND HETEROZYGOTES:

The A*24:02,24:02 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-A*24 SUBTYPINGS BY NON-HLA-A*24 ALLELES:

The interpretation of HLA-A*24 subtypings is primarily influenced by the A*23 alleles.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.