

Olerup SSP[®] HLA-A*02

Product number: 101.412-24/04 – including *Taq* pol.
101.412-24u/04u – without *Taq* pol.
Lot number: 29S
Expiry date: 2015-November-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 (25R):

Well	5'-primer	3'-primer	rationale
18	-	Added	3'-primer added for the A*02:395N allele.
34	-	Added	3'-primer added for the A*02:395N allele.
39	Exchanged	-	5'-primer exchanged for improved specificity of primer pair.
46	-	Moved	3'-primer moved to well 87.
77	-	Added	3'-primer added for the A*02:344 allele.
85	-	Added	3'-primer added for the A*02:376 allele.
87	-	Added	3'-primer added for the A*02:181 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*02:403, will be amplified by the primers in the HLA-A*02 subtyping kit; www.ebi.ac.uk/imgt/hla, 2013-January-11, release 3.11.0.

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*02:97:01-02:97:02 and the 02:305N alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 59.

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.

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.

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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, 02:01:75-02:01:81 and 02:01:83-02:01:86 alleles, the A*02:01:17, 02:01:52, 02:01:63 and 02:01:74 alleles, the A*02:03:01 and 02:03:03-02:03:04 alleles, the A*02:05:01-02:05:06 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.