

Lot No.: **89N**

Olerup SSP[®] HLA-A*31

Product number: 101.430-12 – including *Taq* polymerase
101.430-12u – without *Taq* polymerase
Lot number: 89N
Expiry date: 2015-January-01
Number of tests: 12
Number of wells per test: 32

CHANGES COMPARED TO THE PREVIOUS HLA-A*31 LOT (19M):

Well	5'-primer	3'-primer	rationale
5	Added	.	Exchanged positive control primer pair, 5'-primer added for the A*31:38 allele.
6	-	Added	3'-primer added for the A*31:39 allele.
10	-	Added	3'-primer added for the A*31:41 allele.
11	Added	-	5'-primer added for the A*31:60N allele.
16	Added	Added	Primer pair added for the A*31:46 allele.
17	-	Added	3'-primer added for the A*31:40 allele.
20	Added	Added	Primer pair added for the A*31:56 allele.
22	Added	Added	Primer pair added for the A*31:55 allele.
23	Added	Modified, added	Primer pair added for the A*31:40 allele, modified 3'-primer.
24	Added	Added	Primer pair added for the A*31:55 allele.
25	Added	Added	Primer pair added for the A*31:59 allele.
26	-	Added	3'-primer added for the A*31:39 allele.
27	Added	-	Exchanged positive control primer pair, modified 3'-primer, 5'-primer added for the A*31:44 allele.
28	Added	-	5'-primers added for the A*31:38 and A*31:60N alleles.
29	Added	Added	Primer pair added for the A*31:48 allele.
32	-	Added	3'-primer added for the A*31:41 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*31:01 to A*31:62, i.e. all the currently recognized HLA-A*31 alleles, will be amplified by the primers in the HLA-A*31 subtyping kit; www.ebi.ac.uk/imgt/hla, 2012-April-12, release 3.8.0.

The HLA-A*31 kit enables separation of the confirmed HLA- A*31 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.

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The HLA-A*31 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 HLA-A*31 subtyping kit cannot distinguish the silent mutations in the A*31:01:02-31:01:13 alleles.

The A*31:16 and A*31:46 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

The A*31:20 and A*31:56 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 120.

The A*31:29 and A*31:59 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 25

The A*31:36 and A*31:48 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 29.

RESOLUTION IN HLA-A*31 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*31 SUBTYPINGS BY NON-HLA-A*31 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.