

Olerup SSP[®] HLA-A*29

Product number: 101.428-12 – including *Taq* polymerase
101.428-12u – without *Taq* polymerase
Lot number: 75S
Expiry date: 2016-March-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-A*29 LOT (92N):

Well	5'-primer	3'-primer	rationale
3	-	Added	3'-primer for the A*29:35 allele added from well 24.
6	-	Moved, added	3'-primer for the A*29:20 allele moved to well 7, 3'-primer added for the A*29:40 allele.
7	-	Added	3'-primer added from well 6.
8	Added	Added	Primer pair added for the A*29:46 allele.
10	Added	-	5'-primer added for the A*29:43 allele.
11	-	Added	3'-primer for the A*29:35 allele added from well 24.
16	Added	-	5'-primer added for the A*29:43 allele.
17	-	Added	3'-primer added for the A*29:40 allele.
19	Added	Added	Primer pair added from well 20.
20	Added, moved	Added, moved	Primer pair added for the A*29:44, primer pair moved to well 19.
24	Added	Moved, added	3'-primers moved to wells 3 and 11, primer pairs added for the A*29:36 and A*29:37 alleles.

THE NUMBER OF WELLS is unchanged

ALLELE COVERAGE:

A*29:01 to A*29:55, i.e. all the currently recognized HLA-A*29 alleles, will be amplified by the primers in the HLA-A*29 subtyping kit; www.ebi.ac.uk/imgt/hla, 2013-July-25, release 3.13.1.

The HLA-A*29 kit enables separation of the confirmed HLA-A*29 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. Current allele confirmation status for HLA-A*29 alleles is listed below.

The HLA-A*29 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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The HLA-A*29 subtyping kit cannot distinguish following silent mutations: the A*29:01:01:01 and 29:01:02-29:01:04 alleles and the A*29:02:01:01-29:02:03 and 29:02:05-29:02:13 alleles.

The A*29:06 and A*29:34 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 7.

The A*29:07 and A*29:46 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 8.

RESOLUTION IN HLA-A*29 HOMO- AND HETEROZYGOTES:

Excellent.

INFLUENCE ON THE INTERPRETATION OF HLA-A*29 SUBTYPINGS BY NON-HLA-A*29 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.