Olerup SSP® HLA-A*29

Product number:	**101.428-12 – including *Taq* polymerase** **101.428-12u – without *Taq* polymerase**
Lot number:	**9F9**
Expiry date:	**2021-12-01**
Number of tests:	**12**
Number of wells per test:	**27+1**

CHANGES COMPARED TO THE PREVIOUS HLA-A*29 LOT (7D7):

Well	5'-primer	3'-primer	rationale
6	-	-	Exchange of positive control primer pair for decreased tendency of primer oligomer formation.
7	-	Added	3'-primers added for the A*29:82 and A*29:06 alleles.
23	Added	-	5'-primer added for the A*29:81 allele.
24	Added	Added	Negative control moved to well 28, primer pair added for the A*29:71 allele.
25	New	New	New primer pair added for the A*29:90 allele.
26	New	New	New primer pair added for the A*29:103 allele.
27	New	New	New primer pair added for the A*29:81 allele.
28	-	-	Negative control added from well 24.

THE NUMBER OF WELLS is increased from 24 to 28 wells.

ALLELE COVERAGE:
A*29:01 to A*29:103, i.e. all the currently recognized HLA-A*29 alleles, will be amplified by the primers in the HLA-A*29 subtyping kit[1]; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

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 null and alternatively expressed alleles.

The following HLA-A*29 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
A*29:06, 29:34	7
A*29:07, 29:46	8
A*29:11, 29:92	13
A*29:20, 29:82	7

[1]Alleles that have been deleted from or renamed in the official WHO HLA Nomenclature up to and including the last IMGT/HLA database release can be retrieved from web page http://hla.alleles.org/alleles/deleted.html.

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:
In primer mix 7, a 3'-primer was added for the A*29:06 allele.

Changes in revision R01 compared to R00:
1. The expiration date has been altered due to extension of shelf-life.