

Olerup SSP® HLA-A*29

Product number:	101.428-12 – including <i>Taq</i> polymerase 101.428-12u – without <i>Taq</i> polymerase
Lot number:	66X
Expiry date:	2017-July-01
Number of tests:	12
Number of wells per test:	23+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*29 LOT (75S):

Well	5'-primer	3'-primer	rationale
5	-	Added	3'-primer added from well 18.
10	Added	Added	3'-primer added for the A*29:51, 5'-primer added for the A*29:54 allele.
11	-	Added	3'-primer added from well 18.
13	-	Added	3'-primers added for the A*29:51 and A*29:55 alleles.
16	Added	-	5'-primer added for the A*29:53 allele.
17	Added	Added	Primer pair added for the A*29:53, 5'-primer added for the A*29:54 allele.
18	Added, removed	Added, moved	3'-primer moved to well 5 and 11, 5'-primer removed, primer pair added from well 24.
19	-	Added	3'-primer added for the A*29:55 allele.
22	Added	Added	Primer pair added from well 23, exchanged positive control primer pair.
23	Added, moved	Added, moved	Primer pair added for the A*29:32, primer pair moved to well 22, exchanged control primer pair.
24	Moved	Removed, moved	3'-primer removed for increased HLA-specific amplification, primer pairs moved to well 18, negative control.

THE NUMBER OF WELLS is unchanged

ALLELE COVERAGE:

A*29:01 to A*29:74, i.e. all the currently recognized HLA-A*29 alleles, will be amplified by the primers in the HLA-A*29 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2014-October-10, release 3.18.0.

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.

101.428-12 – including *Taq* polymerase

101.428-12u – without *Taq* polymerase

Lot No.: 66X

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.

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

The HLA-A*29 subtyping kit cannot distinguish following silent mutations: the A*29:01:01:01 and 29:01:02-29:01:06 alleles and the A*29:02:01:01-29:02:03 and 29:02:05-29:02:14 alleles.

¹Alleles 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:

No comments received.