

## **Olerup SSP® HLA-A\*29**

**Product number:** 101.428-12 – including *Taq* polymerase  
 101.428-12u – without *Taq* polymerase

**Lot number:** 7D7

**Expiry date:** 2018-11-01

**Number of tests:** 12

**Number of wells per test:** 23+1

**CHANGES COMPARED TO THE PREVIOUS HLA-A\*29 LOT (66X):**

Well	5'-primer	3'-primer	rationale
4	-	Added	3'-primer added for the A*29:69 allele.
12	-	Added	3'-primer added for the A*29:78N allele.
17	-	Added	3'-primer added for the A*29:69 allele.
24	-	-	Updated negative control.

**THE NUMBER OF WELLS** is unchanged.

**ALLELE COVERAGE:**

A\*29:01 to A\*29:83, i.e. all the currently recognized HLA-A\*29 alleles, will be amplified by the primers in the HLA-A\*29 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2016-January-19, release 3.23.0.

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 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, 29:01:02-29:01:06 and 29:01:08-29:01:09 alleles and the A\*29:02:01:01-29:02:03 and 29:02:05-29:02:17 alleles.

<sup>1</sup>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>.

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**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.