

Lot No.: **9G9**

## Olerup SSP<sup>®</sup> HLA-A\*03

**Product number:** 101.413-24/04 – including *Taq* pol.  
101.413-24u/04u – without *Taq* pol.

**Lot number:** 9G9

**Expiry date:** 2022-11-01

**Number of tests:** 24 tests – Product No. 101.413-24/24u  
4 tests – Product No. 101.413-04/04u

**Number of wells per test:** 63+1

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*03 LOT (6F4):

Well	5'-primer	3'-primer	rationale
3	-	Added	3'-primer added for the A*03:05:02 allele.
21	-	Added	3'-primer added for the A*03:297N allele.
24	-	-	Strength of positive control band has been optimized.
40	Added	-	5'-primer added for the A*03:279N allele.
41	-	Added	3'-primer added for the A*03:297N allele.
42	Added	-	5'-primer added from well 48 for the A*03:52 allele.
44	-	Added	3'-primer added for the A*03:286N allele.
48	Moved, Added	Added	5'-primer moved to well 42 for the A*03:52 allele, primer pair added for the A*03:284N allele.
49	-	Added	3'-primer added for the A*03:283N allele.
53	-	Added	3'-primer added for the A*03:286N allele.
60	Added	-	5'-primer added for the A*03:279N allele.
62	Exchanged	-	5'-primer exchanged for the A*03:204 and A*03:288 alleles.
63	Added	Added	Primer pair added for the A*03:283N allele, 3'-primer added for the A*03:284N allele.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

A\*03:01 to A\*03:305, i.e. all the currently recognized HLA-A\*03 alleles, will be amplified by the primers in the HLA-A\*03 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-July-11<sup>2</sup>, release 3.33.0.

The HLA-A\*03 kit enables separation of the confirmed HLA-A\*03 alleles as listed in the IMGT/HLA database 3.28.0. 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.

The HLA-A\*03 kit also enables identification of null and alternatively expressed alleles.

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The following HLA-A\*03 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*03:16, 03:61	20	A*03:38, 03:68N	41
A*03:17:01-03:17:02, 03:74	21	A*03:44:01-03:44:02, 03:53	46
A*03:20, 03:47	43	A*03:78, 03:161N	49
A*03:22:01-03:22:02, 03:103:01-03:103:02, 03:248, 03:282	23	A*03:118, 03:134	57
A*03:25, 03:71	27	A*03:128, 03:144	59
A*03:27, 03:49	30	A*03:132, 03:162N	62

<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>.

<sup>2</sup>The HLA-A\*03 primer set cannot separate the A\*03:95, 03:215 and A\*74:13 alleles. These alleles can be distinguished by the HLA-A low resolution kit and/or the HLA-A\*74 high resolution kit.

**RESOLUTION IN HLA-A\*03 HOMO- AND HETEROZYGOTES:**

The A\*03:01,03:01 genotype gives rise to a unique amplification pattern with respect to confirmed A\*03 alleles.

**INFLUENCE ON THE INTERPRETATION OF HLA-A\*03 SUBTYPINGS BY NON-HLA-A\*03 ALLELES:**

None frequently occurring.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.