

101.413-24/04 – including *Taq* polymerase  
101.413-24u/04u – without *Taq* polymerase

Lot No.: **3R7**

## 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:** 3R7

**Expiry date:** 2026-12-01

**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 (3L4):

Well	5'-primer	3'-primer	rationale
29	Modified	-	5'-primer modified for improved HLA-specific amplification.
50	-	Removed	3'-primer removed for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

A\*03:01 to A\*03:453, 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), 2022-October-12, release 3.50.0<sup>2</sup>.

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 many null and alternatively expressed alleles.

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, 03:422	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>.



**0197**

For *In Vitro* Diagnostic Use  
MA125 v01 SSP Release Note Template  
Date: January 2023, Rev. No: 00

**HLA-A\*03**

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

**Alleles**

A\*03:95, 03:215, 03:343, 03:414, 74:13

**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:**

In primer mix 29, a 5'-primer has been modified for improved HLA-specific amplification.



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