

**HLA-A\*01**

**101.411-24/06 – including *Taq* polymerase**

**101.411-24/06u – without *Taq* polymerase**

**Lot No.: 4S1**

## **Olerup SSP<sup>®</sup> HLA-A\*01**

<b>Product number:</b>	<b>101.411-24/06 – including <i>Taq</i> pol. 101.411-24u/06u – without <i>Taq</i> pol.</b>
<b>Lot number:</b>	<b>4S1</b>
<b>Expiry date:</b>	<b>2027-09-01</b>
<b>Number of tests:</b>	<b>24 tests – Product No. 101.411-24/24u 6 tests – Product No. 101.411-06/06u</b>
<b>Number of wells per test:</b>	<b>62+1</b>

The HLA-A\*01 primer set is unchanged compared to the previous lot (**3R6**).

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

A\*01:01 to A\*01:435, i.e. all the currently recognized HLA-A\*01 alleles, will be amplified by the primers in the HLA-A\*01 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2023-July-12, release 3.53.0.

The HLA-A\*01 kit enables separation of the confirmed HLA-A\*01 alleles as listed in the IMGT/HLA database 3.24.0. 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\*01 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-A\*01 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>	<b>Alleles</b>	<b>Primer mix</b>
A*01:31N, 01:173	25	A*01:53N-01:54	36
A*01:32, 01:104	26	A*01:65, 01:92	37
A*01:47, 01:49	35	A*01:87N, 01:141	27, 42
A*01:48, 01:123N	36	A*01:137, 01:150	10, 35
A*01:50, 01:62	38		

<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 A\*01 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-A low resolution and/or HLA-A\*25 kits.

### **Alleles**

A\*01:69:01-01:69:03, 25:59



**0197**

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



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**RESOLUTION IN HLA-A\*01 HOMO- AND HETEROZYGOTES:**

The A\*01:01,01:01, A\*01:01,01:02 and A\*01:02,01:02 genotypes give rise to unique amplification patterns with regard to other confirmed HLA-A\*01 alleles.

**INFLUENCE ON THE INTERPRETATION OF HLA-A\*01 SUBTYPINGS BY NON-HLA-A\*01 ALLELES:**

None frequently occurring.

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

No suggestions received.



**0197**

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