

HLA-A\*01  
 101.411-24/06 – including *Taq* polymerase  
 101.411-24/06u – without *Taq* polymerase  
 Lot No.: 1E6

### Olerup SSP® HLA-A\*01

**Product number:** 101.411-24/06 – including *Taq* pol.  
 101.411-24u/06u – without *Taq* pol.  
**Lot number:** 1E6  
**Expiry date:** 2019-01-01  
**Number of tests:** 24 tests – Product No. 101.411-24u  
 6 tests – Product No. 101.411-06u  
**Number of wells per test:** 55+1

**CHANGES COMPARED TO THE PREVIOUS HLA-A\*01 LOT (0E8):**

Well	5'-primer	3'-primer	rationale
55	New	New	Negative control moved to well 56. New primer pair for the A*01:52:02N allele.
56	-	-	Negative control added from well 55.

**THE NUMBER OF WELLS** is increased from 55 to 56 wells.

**ALLELE COVERAGE:**

A\*01:01 to A\*01:201, i.e. all the currently recognized HLA-A\*01 alleles, will be amplified by the primers in the HLA-A\*01 SSP kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2016-May-04, release 3.24.0.

The HLA-A\*01 kit enables separation of the confirmed HLA-A\*01 alleles as listed in the IMGT/HLA database<sup>1</sup>. 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 polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The HLA-A\*01 subtyping kit cannot distinguish the silent mutations in the A\*01:01:01:01, 01:01:01:03-01:01:22, 01:01:24-01:01:37, 01:01:39-01:01:47, 01:01:49-01:01:75 and 01:67:01-01:67:02 alleles, the A\*01:69:01-01:69:01 or the A\*01:83:01-01:83:02 alleles.

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

Alleles	Primer mix	Alleles	Primer mix
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		

**HLA-A\*01****101.411-24/06 – including *Taq* polymerase****101.411-24/06u – without *Taq* polymerase****Lot No.: 1E6**

<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>.

**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 comments received.