

Lot No.: **06N**

## Olerup SSP® HLA-A\*01

**Product number:** 101.411-24/06– including *Taq* pol.  
101.411-24u/06u – without *Taq* pol.  
**Lot number:** 06N  
**Expiry date:** 2014-July-01  
**Number of tests:** 24 test – Product No. 101.411-24  
6 tests – Product No. 101.411-06  
**Number of wells per test:** 48

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*01 LOT (67K):

Well	5'-primer	3'-primer	rationale
8	-	Exchanged	Decreased primer oligomer formation.
26	-	Added	Primer added for the A*01:45 allele.
27	Added	Added	Primer pair added for the A*01:87N allele.
30	Added	Added	Primer pair added for the A*01:95 allele.
37	Added	Added	Primer pair added for the A*01:92 allele.
42	Added	Added	Primer pair added for the A*01:87N allele.
43	-	Added	Primer added for the A*01:45 allele.
44	Added	-	Primer added for the A*01:98 allele.
45	Added	-	Primer added for the A*01:98 allele.
46	Added	Added	Primer pair added for the A*01:81 allele.
48	Added	Added	Primer pair added for the A*01:81 allele.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

A\*01:01 to A\*01:101, 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), 2011-October-10, release 3.6.0.

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.

<sup>1</sup>The HLA-A\*01 subtyping kit cannot distinguish the A\*01:01:01:01, 01:01:02-01:01:22, 01:01:24-01:01:31, 01:01:33-01:01:37 and 01:01:39-01:01:43 alleles.

The A\*01:69 and the A\*03:18, 11:01:04, 11:08, 11:23, 11:44 and 11:94 alleles give rise to identical amplification patterns with the HLA-A\*01 primer set. These alleles can be distinguished by the HLA-A low resolution and/or the HLA-A\*03 and HLA-A\*11 kits.

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The A\*01:47 and 01:49 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 35.

The A\*01:50 and 01:62 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 38.

The A\*01:53N and 01:54 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 36.

The A\*01:65 and 01:92 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 37.

**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 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.