

Lot No.: **09S**

## Olerup SSP<sup>®</sup> HLA-A\*11

**Product number:** 101.416-12/04 – including *Taq* pol.  
101.416-12u/04u – without *Taq* pol.  
**Lot number:** 09S  
**Expiry date:** 2015-October-01  
**Number of tests:** 12 tests – Product No. 101.416-12/12u  
4 tests – Product No. 101.416-04/04u  
**Number of wells per test:** 64

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*11 LOT (62N):

Well	5'-primer	3'-primer	rationale
20	Moved	Moved	Primer pair moved to well 57 for improved allelic resolution.
23	-	Removed	3'-primer removed for the A*11:03 and A*11:20 alleles.
43	Moved	Moved	Primer pair moved to well 64, for decreased primer oligomer formation.
57	New	New	Primer pair from well 20.
58	New	New	New primer pair for the A*11:115N allele.
59	New	New	New primer pair for the A*11:124 allele.
60	New	New	New primer pair for the A*11:127N and 11:137N alleles.
61	New	New	New primer pair for the A*11:03 allele.
62	New	New	New primer pair for the A*11:20 allele.
63	New	New	New primer pair for the A*11:120 allele.
64	New, added	New	Primer pair from well 43, 5'-primer added for the A*11:129 allele

**THE NUMBER OF WELLS** is increased from 56 to 64.

#### ALLELE COVERAGE:

A\*11:01 to A\*11:139, i.e. all the currently recognized HLA-A\*11 alleles, will be amplified by the primers in the HLA-A\*11 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2013-January-11, release 3.11.0.

The HLA-A\*11 kit enables separation of the confirmed HLA-A\*11 alleles as listed in the IMGT/HLA database. 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\*11 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

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The HLA-A\*11 subtyping kit cannot distinguish the silent mutations in the A\*11:01:01-11:01:20, 11:01:22-11:01:43 and 11:01:45 alleles, the A\*11:01:21 and 11:01:44, the A\*11:02:01-11:02:03 alleles or the A\*11:33:01-11:33:02 alleles.

This lot of HLA-A\*11 primer set cannot separate the A\*11:126, A\*11:01:01-11:01:20, 11:01:22-11:01:43 and 11:01:45 alleles.

The A\*11:13 and A\*11:54 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

The A\*11:58 and A\*11:67 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 34.

The A\*11:62 and A\*11:68 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 35.

The A\*11:63 and A\*11:69N alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 42.

The A\*11:64 and A\*11:65 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 36.

The A\*11:66 and A\*11:72 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 37.

The A\*11:81 and 11:108 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 52.

The A\*11:127N and 11:137N alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 60.

**RESOLUTION IN HLA-A\*11 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-A\*11 SUBTYPINGS BY NON-HLA-A\*11 ALLELES:**

None of importance.

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

No comments received.