

Lot No.: **21S**

Olerup SSP® HLA-A*26

Product number: 101.424-12 – including *Taq* polymerase
101.424-12u – without *Taq* polymerase
Lot number: 21S
Expiry date: 2015-October-01
Number of tests: 12
Number of wells per test: 47

CHANGES COMPARED TO THE PREVIOUS HLA-A*26 LOT (60N):

Well	5'-primer	3'-primer	rationale
21	-	Added	3'-primer added for the A*26:82 allele.
23	-	Added	3'-primer added for the A*26:82 allele.
27	Added		5'-primer added for the A*26:76 allele.
37	-	-	Exchanged positive control primer pair.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*26:01 to A*26:84, i.e. all the currently recognized HLA-A*26 alleles, will be amplified by the primers in the HLA-A*26 subtyping kit, www.ebi.ac.uk/imgt/hla, 2013-January-11, release 3.11.0.

The HLA-A*26 kit enables separation of the confirmed HLA-A*68 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*26 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*26 subtyping kit cannot distinguish the the following silent mutations: A*26:01:01-26:01:27, the A*26:03:01-26:03:02 or the A*26:07:01-26:07:02 alleles.

The A*26:17 and A*26:45 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 13.

The A*26:24 and A*26:41 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 21.

The A*26:25N and A*26:38 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 22.

The A*26:43:01 and A*26:61 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 32.

The A*26:46 and A*26:53 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 33.

The A*26:54 and A*26:55 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 36.

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The A*26:59 and A*26:69 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 35.

The A*26:62 and A*26:63 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 39.

RESOLUTION IN HLA-A*26 HOMO- AND HETEROZYGOTES:

The A*26:01,26:01, A*26:01,26:02 and A*26:02,26:02 genotypes give rise to unique amplification patterns with respect to confirmed alleles.

INFLUENCE ON THE INTERPRETATION OF HLA-A*26 SUBTYPINGS BY NON-HLA-A*26 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

The control primer pair in primer mix 37 has been exchanged to decrease tendencies of unspecific amplifications.