

Lot No.: **01X**

Olerup SSP® HLA-A*26

Product number: 101.424-12 – including *Taq* polymerase
101.424-12u – without *Taq* polymerase
Lot number: 01X
Expiry date: 2017-January-01
Number of tests: 12
Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*26 LOT (21S):

Well	5'-primer	3'-primer	rationale
3	Added	-	3'-primer added for the A*26:02:02 allele.
6	Removed	Removed	Primer pair removed for improved specificity of HLA-specific primer pair.
17	-	Added	3'-primer added for the A*26:74 allele.
20	Added	-	5'-primer added for the A*26:27 allele.
21	-	Added	3'-primer added for the A*26:99 allele.
22	Added	Added	Primer pair added for the A*26:98 allele.
26	-	Added	3'-primer added for the A*26:73 allele.
30	-	Added	3'-primer added for the A*26:99 allele.
33	Added	Added	Primer pair added for the A*26:98 allele.
38	Added	Added	Primer pair added for the A*26:75 allele.
39	-	-	Exchanged positive control primer pair.
45	Removed, added	Added	5'-primer removed, primer pair added for the A*26:42 allele.

THE NUMBER OF WELLS is increased from 47 to 48 wells.

ALLELE COVERAGE:

A*26:01 to A*26:102, i.e. all the currently recognized HLA-A*26 alleles, will be amplified by the primers in the HLA-A*26 subtyping kit¹, www.ebi.ac.uk/imgt/hla, 2014-April-14, release 3.16.0.

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 following silent mutations: A*26:01:01-26:01:20 and 26:01:22-26:01:35 alleles, the A*26:02:01-26:02:02 alleles, the A*26:03:01-26:03:02 or the A*26:07:01-26:07:02 alleles.

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The following HLA-A*26 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*26:17, 26:45	13	A*26:46, 26:53	33
A*26:23, 26:27	20	A*26:51, 26:75	38
A*26:24, 26:41	21	A*26:54, 26:55	36
A*26:25N, 26:38	22	A*26:59, 26:69	35
A*26:43:01, 26:61	32	A*26:62, 26:63	39

¹Alleles 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*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:

In primer mix 20, a 5'-primer was added for the A*26:27 allele.