

Lot No.: **1F3**

## **Olerup SSP® HLA-A\*26**

**Product number:** 101.424-12 – including Taq polymerase  
101.424-12u – without Taq polymerase

**Lot number:** 1F3

**Expiry date:** 2019-12-01

**Number of tests:** 12

**Number of wells per test:** 47+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-A\*26 LOT (74Y):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
11	Modified	-	5'-primer modified for increased yield.
18	-	-	Exchange of positive control primer pairs.
26	Moved	Moved	Primer pair moved to well 40 for improved HLA-specific amplification.
28	Added	-	5'-primer added for the A*26:116 allele.
29	-	Added	3'-primer added for the A*26:104 allele.
32	-	Added	3'-primer added for the A*26:115 allele.
34	-	Added	3'-primer added for the A*26:127N allele.
35	Added	-	5'-primer added for the A*26:114 allele.
36	-	Added	3'-primer added for the A*26:127N allele.
37	-	Added	3'-primer added from well 47.
40	Added	Added	Primer pair added from well 26 for improved HLA-specific amplification.
42	-	Added	3'-primer added from well 47.
44	-	Added	3'-primer added for the A*26:130 allele.
45	-	Added	3'-primer added for the A*26:104 allele.
46	-	Added	3'-primer added for the A*26:28 allele.
47	Added	Moved, added	3'-primer moved to wells 37 and 42, primer pair added for the A*26:01:01:03N allele.

**THE NUMBER OF WELLS** is unchanged.

#### **ALLELE COVERAGE:**

A\*26:01 to A\*26:132, i.e. all the currently recognized HLA-A\*26 alleles, will be amplified by the primers in the HLA-A\*26 subtyping kit<sup>1</sup>, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2016-October-14, release 3.26.0.

The HLA-A\*26 kit enables separation of the confirmed HLA-A\*26 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.

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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, 26:106	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*26:36, 26:116	28	A*26:62, 26:63	39
A*26:43:01, 26:61	32	A*26:68, 26:130	44

<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\*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:**

No comments received.