

Olerup SSP® HLA-A*26

Product number:	101.424-12 – including <i>Taq</i> polymerase 101.424-12u – without <i>Taq</i> polymerase
Lot number:	7K0
Expiry date:	2024-03-01
Number of tests:	12
Number of wells per test:	47+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*26 LOT (6G1):

Well	5'-primer	3'-primer	rationale
2	Added	Added	5'-primer added for the A*26:01:52 allele. 3'-primer added for the A*26:01:63 allele.
8	-	Moved, modified	3'-primer moved to well 41. 3'-primer modified for improved HLA-specific amplification.
12	Removed	Removed	Primer pair removed for improved HLA-specific amplification.
41	Added	-	5'-primer added from well 8.
46	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All the HLA-A*26 alleles, i.e. **A*26:01 to A*26:194**, recognized by the HLA Nomenclature Committee in October 2019^{1,2} will be amplified by the primers in the HLA-A*26 subtyping kit³.

The HLA-A*26 kit enables separation of the confirmed HLA-A*26 alleles as listed in the IMGT/HLA database 3.26.0. 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 many null and alternatively expressed alleles.

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*26:11N, 26:60N	41	A*26:46, 26:53	33
A*26:17, 26:106	13	A*26:54-26:55	36
A*26:23, 26:27	20	A*26:59, 26:69	35
A*26:24, 26:41	21	A*26:62-26:63	39
A*26:25N, 26:38	22	A*26:68, 26:130	44
A*26:36, 26:116	28	A*26:103, 26:107N	43
A*26:43:01, 26:61	32		

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¹HLA-A alleles listed on the IMGT/HLA web page 2019-October-17, release 3.38.0, www.ebi.ac.uk/imgt/hla.

²Alleles 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>.

³The HLA-A*26 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-A low resolution kit and/or the respective high-resolution kits:

Alleles	Alleles
A*26:19, A*66:37	A*26:170, 26:184, A*25:60, A*31:24-31:25, A*32:26:01-32:26:02, A*33:61, 33:190, A*43:01, A*66:05, 66:15, A*74:37
A*26:156, 26:165, A*01:01:109, 01:51, A*29:105, A*33:48	

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.