

Lot No.: **6G1**

Olerup SSP® HLA-A*26

Product number: 101.424-12 – including *Taq* polymerase
101.424-12u – without *Taq* polymerase
Lot number: 6G1
Expiry date: 2021-03-01
Number of tests: 12
Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*26 LOT (1F3):

Well	5'-primer	3'-primer	rationale
2	-	Added	3'-primer added for the A*26:137 allele.
27	Added	-	5'-primer added for the A*26:145N allele.
38	Added	-	5'-primer added for the A*26:145N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All the HLA-A*26 alleles, i.e. **A*26:01 to A*26:149**, recognized by the HLA Nomenclature Committee in April 2018^{1,2} will be amplified by the primers in the HLA-A*26 subtyping kit.

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

¹HLA-B alleles listed on the IMGT/HLA web page 2018-April-16, release 3.32.0, 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>.

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.