

101.416-12/04 – including Taq polymerase

101.416-12/04u – without Taq polymerase

Lot No.: 0H1

Olerup SSP® HLA-A*11

Product number: 101.416-12/04 – including Taq pol.
101.416-12u/04u – without Taq pol.

Lot number: 0H1

Expiry date: 2021-05-01

Number of tests: 12 tests – Product No. 101.416-12/12u
4 tests – Product No. 101.416-04/04u

Number of wells per test: 63+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*11 LOT (4E7):

Well	5'-primer	3'-primer	rationale
2	-	Added	3'-primer added for the A*11:272Q allele.
11	Exchanged	-	5'-primer exchanged for improved resolution of the A*11 alleles.
31	-	Added	3'-primer added for the A*11:256Q allele.
34	-	Added	3'-primer added for the A*11:251N allele.
38	-	Added	3'-primer added for the A*11:251N allele.
42	-	Added	3'-primer added for the A*11:287N allele.
43	-	Added	3'-primer added for the A*11:272Q allele.
46	Added	-	5'-primer added for the A*11:172 allele.
48	-	-	Positive control primer pair exchanged for decreased tendency of primer oligomer formation.
51	Added	-	5'-primer added for the A*11:172 allele.
53	-	Removed	3'-primer removed for increased allelic resolution.
55	-	Removed	Positive control primer pair exchanged for decreased tendency of primer oligomer formation. 3'-primer removed for increased allelic resolution.
58	-	Added	3'-primer added for the A*11:251N allele.
60	-	Added	Positive control primer pair exchanged for decreased tendency of primer oligomer formation. 3'-primer added for the A*11:137:02N allele.
61	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*11:01 to A*11:288, i.e. all the currently recognized HLA-A*11 alleles, will be amplified by the primers in the HLA-A*11 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2018-July-11, release 3.33.0.

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The HLA-A*11 kit enables separation of the confirmed HLA-A*11 alleles as listed in the IMGT/HLA database 3.25.0. 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*11 kit also enables identification of null and alternatively expressed alleles.

The following HLA-A*11 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*11:01:57, 11:59	41	A*11:79, 11:129	45
A*11:09, 11:196	8	A*11:81, 11:108	52
A*11:13, 11:117	16	A*11:86, 11:142	50
A*11:58, 11:67	34	A*11:99N, 11:112	56
A*11:62, 11:68	35	A*11:115N, 11:180N	58
A*11:63, 11:69N	42	A*11:120, 11:171	63
A*11:64, 11:65, 11:193	36	A*11:124, 11:174	59
A*11:66, 11:72	37	A*11:127N, 11:137:01N- 11:137:02N	60

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*11 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-A*11 SUBTYPINGS BY NON-HLA-A*11 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.