

101.516-24/04 – including *Taq* polymerase

101.516-24u/04u – without *Taq* polymerase

Lot No.: 3F7

Olerup SSP® HLA-B*15

Product number: 101.516-24/04 – including *Taq* pol.
101.516-24u/04u – without *Taq* pol.

Lot number: 3F7

Expiry date: 2020-02-01

Number of tests: 24 tests – Product No. 101.516-24/24u
4 tests – Product No. 101.516-04/04u

Number of wells per test: 95+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*15 LOT (0D5):

Well	5'-primer	3'-primer	rationale
1	-	Added	3'-primer added for the B*15:370.
24	-	Added, modified	Modified 3'-primer added for increased yield.
30	Added	-	5'-primer added for the B*15:375N allele.
42	Modified, added	-	5'-primer modified for improved HLA-specific amplification, 5'-primer added for the B*15:17:05 allele.
46	Added	-	5'-primer added for the B*15:17:05 allele.
47	Added	-	5'-primer added for the B*15:02:11 allele.
57	Added	-	5'-primer added for the B*15:369 allele.
59	Added	-	5'-primer added from well 79 for improved HLA-specific amplification.
63	Added	Added	Primer pair added for the B*15:315 allele.
64	Added	-	5'-primer added from well 79 for improved HLA-specific amplification.
65	Added	-	5'-primer added for the B*15:375N allele.
66	-	Added, modified	Modified 3'-primer added for increased yield. Strength of control band has been optimized.
72	Added	-	5'-primer added for the B*15:380N allele.
75	Added	-	5'-primer added for the B*15:367 allele.
77	Modified, added	-	Modified 5'-primer added for increased yield.
78	Added	-	5'-primer added for the B*15:369 allele.
79	Moved	Removed	5'-primer moved to wells 59 and 64 for improved HLA-specific amplification, 3'-primer removed.
80	Added	-	5'-primer added for the B*15:380N allele.
83	Exchanged	Exchanged	Primer pair exchanged for improved HLA-specific amplification.
88	-	Added	3'-primer added for the B*15:377Q allele.
89	-	Added	3'-primer added for the B*15:377Q allele.

THE NUMBER OF WELLS is unchanged.

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ALLELE COVERAGE:

B*15:01 to B*15:398, i.e. all the currently recognized HLA-B*15 alleles, will be amplified by the primers in the HLA-B*15 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2016-July-14, release 3.25.0.

The HLA-B*15 kit enables separation of the confirmed HLA-B*15 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-B*15 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 following HLA-B*15 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
B*15:92, 15:104	52	B*15:169, 15:225	87
B*15:120, 15:258N	93	B*15:206, 15:343	50
B*15:142, 15:147	78	B*15:208, 15:230	70
B*15:166, 15:193	86	B*15:301, 15:302N	64

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-B*15 HOMO- AND HETEROZYGOTES:

The B*15:01,15:01, genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-B*15 SUBTYPINGS BY NON-HLA-B*15 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

In primer mix 77, a modified 5'-primer added for increased yield.