

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

Lot No.: **8G5**

Olerup SSP® HLA-B*15

Product number: 101.516-24/04 – including *Taq* pol.
101.516-24u/04u – without *Taq* pol.
Lot number: 8G5
Expiry date: 2021-04-01
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 (3F7):

Well	5'-primer	3'-primer	rationale
22	Added	-	5'-primer added for the B*15:01:40 allele.
27	Added	-	5'-primer added for the B*15:400N allele.
45	Added	-	5'-primer added for the B*15:01:40 allele.
84	Added	-	5'-primer added for the B*15:400N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*15:01 to B*15:445, i.e. all the currently recognized HLA-B*15 alleles, will be amplified by the primers in the HLA-B*15 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2018-April-16, release 3.32.0.

The HLA-B*15 kit enables separation of the confirmed HLA-B*15 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-B*15 kit also enables identification 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*15:81, 15:430	82	B*15:166, 15:193	86
B*15:82, 15:256	36	B*15:169, 15:225	87
B*15:92, 15:104	52	B*15:206, 15:343	50
B*15:120, 15:258N	93	B*15:208, 15:230	70
B*15:142, 15:147, 15:429	78	B*15:301, 15:302N	64
B*15:146, 15:147	75		

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>.

101.516-24/04 – including *Taq* polymerase101.516-24u/04u – without *Taq* polymeraseLot No.: **8G5**

²The B*15:180 and the B*46:71 alleles will give rise to identical amplification patterns. These alleles can e.g. be distinguished by the HLA-B low resolution kit and/or the HLA-B*46 high resolution kit.

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:

No comments received.