

## Olerup SSP<sup>®</sup> HLA-B\*15

Product number:	101.516-24/04 – including <i>Taq</i> pol. 101.516-24u/04u – without <i>Taq</i> pol.
Lot number:	8G5
Expiry date:	2022-10-01
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<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://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		

<sup>1</sup>Alleles 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* polymerase**  
**101.516-24u/04u – without *Taq* polymerase**

**Lot No.: 8G5**

<sup>2</sup>The 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.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.