

## Olerup SSP® HLA-B\*15

<b>Product number:</b>	<b>101.516-24/04 – including <i>Taq</i> pol.</b> <b>101.516-24u/04u – without <i>Taq</i> pol.</b>
<b>Lot number:</b>	<b>3S0</b>
<b>Expiry date:</b>	<b>2027-07-01</b>
<b>Number of tests:</b>	<b>24 tests – Product No. 101.516-24/24u</b> <b>4 tests – Product No. 101.516-04/04u</b>
<b>Number of wells per test:</b>	<b>95+1</b>

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*15 LOT (9N3):

The HLA-B\*15 primer set is unchanged compared to the previous Olerup SSP® HLA-B\*15 (Lot No. 9N3).

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

B\*15:01 to B\*15:665, 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</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2023-April-17, release 3.52.0.

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, 15:591	52	B*15:202, 15:239, 15:477	90
B*15:120, 15:258N	93	B*15:206, 15:343	50
B*15:142, 15:147, 15:429	78	B*15:208, 15:230	70
B*15:146, 15:441	75	B*15:301, 15:302N	64

The HLA-B\*15 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the respective high resolution kits:



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**Alleles**

B\*15:180, 46:71, 46:89  
 B\*15:515, 35:43:01, 35:135, 35:185, 51:220

<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>.

**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.



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