

## **Olerup SSP® HLA-B\*52**

<b>Product number:</b>	<b>101.562-06 – including Taq polymerase</b> <b>101.562-06u – without Taq polymerase</b>
<b>Lot number:</b>	<b>0G1</b>
<b>Expiry date:</b>	<b>2020-06-01</b>
<b>Number of tests:</b>	<b>6</b>
<b>Number of wells per test:</b>	<b>20+1</b>

The HLA-B\*52 primer set is unchanged compared to the previous *Olerup SSP®* HLA-B\*52 (Lot No. 4D5).

**THE NUMBER OF WELLS** is unchanged.

**ALLELE COVERAGE:**

B\*52:01 to B\*52:71, i.e. all the currently recognized HLA-B\*52 alleles, will be amplified by the primers in the HLA-B\*52 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2017-October-27, release 3.30.0.

The HLA-B\*52 kit enables separation of the confirmed HLA-B\*52 alleles as listed in the IMGT/HLA database 3.22. 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\*52 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\*52 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

<b>Alleles</b>	<b>Primer mix</b>
B*52:04, 52:09	2
B*52:14, 52:49	9
B*52:20, 52:25	8

<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>.

<sup>2</sup>The HLA-B\*52 primer set cannot separate the B\*52:28-52:29 from the B\*53:17:01-53:17:02 and the B\*52:31:01-52:31:02 from the 53:28 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*53 high resolution kit.

**RESOLUTION IN HLA-B\*52 HOMO- AND HETEROZYGOTES:**

The B\*52:01,52:01 genotype gives rise to a unique amplification pattern with respect to confirmed alleles.

**HLA-B\*52**  
**101.562-06 – including *Taq* polymerase**  
**101.562-06u – without *Taq* polymerase**

**Release Note**

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**Lot No.: 0G1**

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*52 SUBTYPINGS BY NON-HLA-B\*52 ALLELES:**

None frequently occurring.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No suggestions received.