

Lot No.: **9R6**

## **Olerup SSP® HLA-B\*52**

|                                  |   |
|----------------------------------|---|
| <b>Product number:</b>           | <b>101.562-06 – including <i>Taq</i> polymerase</b><br><b>101.562-06u – without <i>Taq</i> polymerase</b> |
| <b>Lot number:</b>               | <b>9R6</b>  |
| <b>Expiry date:</b>              | <b>2027-04-01</b>   |
| <b>Number of tests:</b>          | <b>6</b>  |
| <b>Number of wells per test:</b> | <b>22+1</b>   |

**CHANGES COMPARED TO THE PREVIOUS HLA-B\*52 LOT (0M6):**

| Well | 5'-primer | 3'-primer | rationale                               |
|------|-----------|-----------|---|
| 8    | -         | Removed   | Redundant 3'-primer removed.            |
| 9    | -         | -         | Exchanged positive control primer pair. |

**THE NUMBER OF WELLS** is unchanged.

**ALLELE COVERAGE:**

B\*52:01 to B\*52:111, 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</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2023-January-12, release 3.51.0.

The HLA-B\*52 kit enables separation of the confirmed HLA-B\*52 alleles as listed in the IMGT/HLA database 3.22.0. 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\*52 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*52 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

| Alleles                    | Primer mix |
|----------------------------|------------|
| B*52:04, 52:09:01-52:09:02 | 2          |

The HLA-B\*52 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.

| Alleles                     |
|-----------------------------|
| B*52:31:01-52:31:02, 51:310 |
| B*52:88, 53:28              |

<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>.



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**HLA-B\*52**  
**101.562-06 – including *Taq* polymerase**  
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**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.

**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.



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