

## Olerup SSP® HLA-B\*53

|                           |   |
|---------------------------|---|
| Product number:           | 101.549-06 – including <i>Taq</i> polymerase<br>101.549-06u – without <i>Taq</i> polymerase |
| Lot number:               | 8H0   |
| Expiry date:              | 2021-12-01  |
| Number of tests:          | 6   |
| Number of wells per test: | 23+1  |

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*53 LOT (9G6):

| Well | 5'-primer | 3'-primer | rationale  |
|------|-----------|-----------|--|
| 1    | -         | Added     | 3'-primer added for the B*53:01:18 allele.   |
| 9    | -         | Modified  | Modified 3'-primer for improved HLA-specific amplification.  |
| 22   | Modified  | Modified  | 5'-primer, 3'-primer modified and exchange of positive control primer for improved HLA-specific amplification. |

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

B\*53:01 to B\*53:52, i.e. all the currently recognized HLA-B\*53 alleles, will be amplified by the primers in the HLA-B\*53 SSP kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018 October-18, release 3.34.0.

The HLA-B\*53 kit enables separation of the confirmed HLA-B\*53 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\*53 kit also enables identification of null and alternatively expressed alleles.

<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\*53 HOMO- AND HETEROZYGOTES:

Good.

### INFLUENCE ON THE INTERPRETATION OF HLA-B\*53 SUBTYPINGS BY NON-HLA-B\*53 ALLELES:

Many other HLA-B alleles are amplified by the HLA-B\*53 primer set.

### MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.