

## Olerup SSP® HLA-B\*55

Product number:	101.570-06 – including <i>Taq</i> polymerase 101.570-06u – without <i>Taq</i> polymerase
Lot number:	4L7
Expiry date:	2024-08-01
Number of tests:	6
Number of wells per test:	31+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*55 LOT (9G5):

Well	5'-primer	3'-primer	rationale
10	Added	Added	Primer pair added for from mix 30.
15	Added	-	Primer pair added for the B*55:01:07 allele.
30	Moved	-	Primer pair moved to mix 10 for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

B\*55:01 to B\*55:107, i.e. all the currently recognized HLA-B\*55 alleles, will be amplified by the primers in the HLA-B\*55 SSP kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2020-April-20, release 3.40.0.

The HLA-B\*55 kit enables separation of the confirmed HLA-B\*55 alleles as listed in the IMGT/HLA database 3.26.0. 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\*55 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*55 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*55:26, 55:62	25

<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\*55 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*15, B\*51 and B\*56 high resolution kit.

### Alleles

B\*55:78, 15:42, 51:300

B\*55:22, 56:60

**HLA-B\*55**

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**RESOLUTION IN HLA-B\*55 HOMO- AND HETEROZYGOTES:**

The B\*55:01,55:01, B\*55:01,55:02 and B\*55:02,55:02 genotypes give rise to unique amplification patterns with regard to confirmed HLA-B\*55 alleles.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*55 SUBTYPINGS BY NON-HLA-B\*55 ALLELES:**

None frequently occurring.

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

No comments received.