

**101.570-06 – including Taq polymerase**

**101.570-06u – without Taq polymerase**

**Lot No.: 81Y**

## **Olerup SSP® HLA-B\*55**

<b>Product number:</b>	<b>101.570-06 – including Taq polymerase</b> <b>101.570-06u – without Taq polymerase</b>
<b>Lot number:</b>	<b>81Y</b>
<b>Expiry date:</b>	<b>2018-March-01</b>
<b>Number of tests:</b>	<b>6</b>
<b>Number of wells per test:</b>	<b>31+1</b>

**CHANGES COMPARED TO THE PREVIOUS HLA-B\*55 LOT (19V):**

Well	5'-primer	3'-primer	rationale
1	-	Added	3'-primer added for improved allelic resolution of the B*55:64 allele.
8	-	Added	3'-primer added for the B*55:66 allele.
14	Exchanged	Exchanged	Primer pair exchanged for the allelic resolution of the B*55:02:07 allele.
25	Added	Added	Primer pair added for the B*55:62 allele.
28	-	Added	3'-primer added for the B*55:57 allele.
32	-	-	Updated negative control.

**THE NUMBER OF WELLS** is unchanged.

**ALLELE COVERAGE:**

B\*55:01 to B\*55:73, i.e. all the currently recognized and released 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), 2015-April-17, release 3.20.0.

The HLA-B\*55 kit enables separation of the confirmed HLA-B\*55 alleles as listed in the IMGT/HLA database. 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 polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles

The HLA-B\*55 subtyping kit cannot separate the silent mutations in the B\*55:01:01-55:01:06 and 55:01:08-55:01:14 alleles or the B\*55:02:01-55:02:08 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 B\*55:07 and the B\*54:01:02 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B\*54 high resolution kit.

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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:**