

**101.568-06 – including *Taq* polymerase**

**101.568-06u – without *Taq* polymerase**

**Lot No.: 7F4**

## **Olerup SSP<sup>®</sup> HLA-B\*58**

**Product number:** 101.568-06 – including *Taq* polymerase  
101.568-06u – without *Taq* polymerase

**Lot number:** 7F4

**Expiry date:** 2021-04-01

**Number of tests:** 6

**Number of wells per test:** 31+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*58 LOT (7E4):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
1	-	Added	3'-primer added for the B*58:01:21 allele.
9	Added	-	5'-primer added for the B*58:74 allele.
11	Modified	Modified	Primer pair modified for improved HLA-specific amplification.
13	Added	-	5'-primer added for the B*58:01:22 allele.
15	Added	-	5'-primer added for the B*58:74 allele.
16	-	Added	3'-primer added for the B*58:84 allele.
17	-	Added	3'-primer added for the B*58:84 allele.
23	-	-	Positive control primer pair exchanged for improved HLA-specific amplification.
24	Moved	Moved	Primer pair moved to well 31 for decreased tendency of primer oligomer formation.
25	Added	Added	Primer pair added for the B*58:35 allele.
26	Added	Added	Primer pair added for the B*58:35 allele.
28	-	-	Positive control primer pair exchanged for decreased tendency of primer oligomer formation.
31	Added	Added	Negative control moved to well 32. Primer pair added from well 24. 3'-primer added for the B*58:93N allele.
32	-	-	Negative control added from well 31.

**THE NUMBER OF WELLS** is increased from 31 to 32 wells.

### **ALLELE COVERAGE:**

B\*58:01 to B\*58:93N, i.e. all the currently recognized HLA-B\*58 alleles, will be amplified by the primers in the HLA-B\*58 subtyping kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-April-16<sup>1</sup>, release 3.32.0.

The HLA-B\*58 kit enables separation of the confirmed HLA-B\*58 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\*58 kit also enables identification of null and alternatively expressed alleles.

**HLA-B\*58**

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The following HLA-B\*58 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*58:10N, 58:13	12
B*58:21, 58:29	20
B*58:58, 58:66	26

<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\*58 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*58 SUBTYPINGS BY NON-HLA-B\*58 ALLELES:**

None frequently occurring.

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

No comments received.