

101.568-06 – including *Taq* polymerase

101.568-06u – without *Taq* polymerase

Lot No.: 7F4

Olerup SSP[®] HLA-B*58

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

Lot number: 7F4

Expiry date: 2022-10-01

Number of tests: 6

Number of wells per test: 31+1

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

Well	5'-primer	3'-primer	rationale
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, 2018-April-16¹, 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

¹Alleles 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.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.