OLERUPSSP ®
HLA-B*58   **Release Note**   **Page 1 of 2**
101.568-06 – including *Taq* polymerase
101. 568-06u – without *Taq* polymerase
Lot No.: 90Y

Olerup SSP® HLA-B*58

Product number:	**101.568-06 – including *Taq* polymerase**
	101.568-06u – without *Taq* polymerase
Lot number:	**90Y**
Expiry date:	**2018-April-01**
Number of tests:	**6**
Number of wells per test:	**27+1**

CHANGES COMPARED TO THE PREVIOUS HLA-B*58 LOT (30V):

Well	5'-primer	3'-primer	rationale
1	Added	-	5'-primer added for the B*58:01:16 allele.
9	-	Added	3'-primer added for the B*58:72N allele.
22	Removed, added	Removed	Primer pair removed for deleted allele, primer pair added for the B*58:51 allele.
23	-	Added	3'-primer added for the B*58:52 allele.
24	Added	Added	Updated negative control moved to well 28, primer pairs added for the B*58:40 and B*58:72N alleles.
25	New	New	New primer pairs added for the B*58:52 and 58:57 alleles.
26	New	New	New primer pairs added for the B*58:58 and B*58:66 alleles.
27	New	New	New primer pairs added for improve allelic resolution of the B*58:08 and B*58:09 alleles.
28	-	-	Updated negative control added from well 24.

THE NUMBER OF WELLS is increased from 24 to 28 wells.

ALLELE COVERAGE:
B*58:01 to B*58:72N, 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, 2015-August-11[1], release 3.21.1.
The HLA-B*58 kit enables separation of the confirmed HLA-B*58 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*58 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*58 primer set cannot distinguish the following silent mutations: the B*58:01:01-58:01:19 alleles, the B*58:16:01-58:16:02 alleles or the B*58:28:01-58:28:02 alleles.

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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*58:39N, B*53:34	20
B*58:58, 58:66	26

[1]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.