101.568-06 – including *Taq* **polymerase**
101. 568-06u – without *Taq* **polymerase**
Lot No.: 30V

Olerup SSP® HLA-B*58

Product number:	**101.568-06 – including** *Taq* **polymerase**
	101.568-06u – without *Taq* **polymerase**
Lot number:	**30V**
Expiry date:	**2016-August-01**
Number of tests:	**6**
Number of wells per test:	**23+1**

CHANGES COMPARED TO THE PREVIOUS HLA-B*58 LOT (80R):

Well	5'-primer	3'-primer	rationale
1	Added	-	5'-primer added for the B*58:01:14 allele.
9	Added, modified	-	5'-primer added for the B*58:44 allele, 5'-primer modified for improved HLA-specific amplification.
12	Added	-	5'-primer added from well 16.
16	Moved, added	Moved, added	Primer pair moved to well 12, primer pair added from well 24.
17	-	Added	3'-primer added for the B*58:16:02 allele.
24	Moved	Moved	Primer pair moved to well 16, Negative Control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*58:01 to B*58:48, 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, 2013-October-11[1], release 3.14.0.

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*58:01:01-58:01:14 alleles and the B*58:16:01-58:16:02 alleles.

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

Alleles	Primer mix
B*58:09, 58:24	10
B*58:10N, 58:13	12
B*58:21, 58:29	20

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HLA-B*58   **Release Note**   **Page 2 of 2**
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[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.