

## **Olerup SSP® HLA-B\*38**

**Product number:** 101.565-12 – including *Taq* polymerase  
 101.565-12u – without *Taq* polymerase

**Lot number:** 5E3

**Expiry date:** 2019-06-01

**Number of tests:** 12

**Number of wells per test:** 26+1

**CHANGES COMPARED TO THE PREVIOUS HLA-B\*38 LOT (57X):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
5	-	Added	3'-primer added for the B*38:02:07 allele.
6	-	Added	3'-primer added for the B*38:35 allele.
13	Added	-	5'-primers added for the B*38:01:02 and B*38:02:06 alleles.
22	Added	-	5'-primer added for the B*38:55Q allele.
23	Moved	Moved	Primer pair moved to well 25 for decreased tendency of primer oligomer formation.
24	Added	Added	Updated negative control moved to well 27, primer pair added for the B*38:17 allele.
25	Added	Added, modified	Primer pair added from well 23 for the B*38:31 allele, 3'-primer modified for decreased tendency of primer oligomer formation.
26	New	New	New primer pair added for the allelic resolution of the B*38:06 and B*38:07 alleles.
27	-	-	Updated negative control added from well 24.

**THE NUMBER OF WELLS** is increased from 24 to 27 wells.

**ALLELE COVERAGE:**

B\*38:01 to B\*38:63 i.e. all the currently recognized HLA-B\*38 alleles, are amplified by the primers in the HLA-B\*38 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2016-July-14, release 3.25.0.

The HLA-B\*38 kit enables separation of the confirmed HLA-B\*38 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\*38 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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The HLA-B\*38 subtyping kit cannot distinguish the silent mutations in the B\*38:01:01-38:01:07 and 38:01:09-38:01:12 or the B\*38:02:01-38:02:02 and 38:02:04-38:02:07 alleles.

The following HLA-B\*38 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*38:11, 38:19	16

<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\*38 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*38 SUBTYPINGS BY NON-HLA-B\*38 ALLELES:**

None frequently occurring.

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

No suggestions received.