

Olerup SSP® HLA-B*38

Product number: 101.565-12 – including *Taq* polymerase
101.565-12u – without *Taq* polymerase
Lot number: 27R
Expiry date: 2015-March-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-B*38 LOT (22M):

Well	5'-primer	3'-primer	rationale
6	-	Added	3'-primer added for the B*38:34N allele.
7	-	Added	3'-primer added for the B*38:34N allele.
10	Added	-	3'-primer added for the B*38:33 allele.
17	-	Exchanged	Exchanged 3'-primer and positive control primer pair, for decreased tendencies of primer oligomer formation.
18	Added	Exchanged	Exchanged 3'-primer, 5'-primer added for the B*38:37 allele.
23	New	New	New primer pair for the B*38:32 allele.
24	New	New	New primer pair for the B*38:36 allele.

THE NUMBER OF WELLS is increased from 22 to 24.

ALLELE COVERAGE:

B*38:01 to B*38:40 i.e. all the currently recognized HLA-B*38 alleles, are amplified by the primers in the HLA-B*38 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2012-July-12, release 3.9.0.

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.

The HLA-B*38 subtyping kit cannot distinguish the silent mutations in the B*38:01:01 and 38:01:03 to 38:01:07 and the B*38:02:01 and B*38:02:02 alleles.

The B*38:11 and 38:19 alleles may be distinguished by the different sizes of the specific PCR products generated by primer mix 16.

101.565-12 – including *Taq* polymerase101.565-12u – without *Taq* polymeraseLot No.: **27R**

¹The B*38:17 and B*39:37 alleles give rise to identical amplification patterns with the HLA-B*38 primer set. These two alleles can be distinguished by the HLA-B low resolution and/or HLA-B*39 kits.

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.