

Olerup SSP[®] HLA-B*38

Product number: 101.565-12 – including *Taq* polymerase
 101.565-12u – without *Taq* polymerase
Lot number: 6H2
Expiry date: 2021-10-01
Number of tests: 12
Number of wells per test: 29+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*38 LOT (6F7):

Well	5'-primer	3'-primer	rationale
6	-	Modified	3'-primer modified for improved yield of the B*38:34N allele.
7	-	Modified	3'-primer modified for improved yield of the B*38:34N allele.
27	Modified	-	5'-primer modified and amount of control primers decreased for improved yield.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*38:01 to B*38:79 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, 2018-October-18, release 3.34.0.

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 null and alternatively expressed 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

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*38 HOMO- AND HETEROZYGOTES:

Good.

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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:

In primer mix 6, a 3'-primer has been modified for increased yield of the B*38:34N allele. In primer mix 7, a 3'-primer has been modified for increased yield of the B*38:34N allele. In primer mix 27, a 5'-primer has been modified and the amount of control primers was decreased for increased yield.