

101.565-12 – including *Taq* polymerase

101.565-12u – without *Taq* polymerase

Lot No.: **20V**

Olerup SSP® HLA-B*38

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

Lot number: 20V

Expiry date: 2016-July-01

Number of tests: 12

Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-B*38 LOT (27R):

Well	5'-primer	3'-primer	rationale
11	-	Added	3'-primer added from well 19.
19	Added	Moved	3'-primer moved to well 11, primer pair added from well 24.
23	-	Added	3'-primer added for the B*38:31 allele.
24	Moved	Moved	Primer pair moved to well 19, Negative Control

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*38:01 to B*38:45 i.e. all the currently recognized HLA-B*38 alleles, are amplified by the primers in the HLA-B*38 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2013-October-11, release 3.14.0.

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, the B*38:02:01 and B*38:02:02 and the 38:02:04-38:02:05 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
B*38:17, 39:37 ³	16

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¹HLA-B alleles listed on the IMGT/HLA web page 2013-October-11, release 3.14.0, www.ebi.ac.uk/imgt/hla.

²Alleles 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>.

³The 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 different sizes of the HLA-specific PCR product in primer mix 16.

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.