

HLA-B*38
101.565-12 – including *Taq* polymerase
101.565-12u – without *Taq* polymerase
Lot No.: 2L6

Olerup SSP® HLA-B*38

Product number: 101.565-12 – including *Taq* polymerase
 101.565-12u – without *Taq* polymerase
Lot number: 2L6
Expiry date: 2024-07-01
Number of tests: 12
Number of wells per test: 31+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*38 LOT (4K7):

Well	5'-primer	3'-primer	rationale
12	Moved, added	Moved, removed	Primer pair moved to well 31, 3'-primer removed, 5'-primer added for the B*38:158 allele.
22	Added	-	5'-primer added for the B*38:156 allele.
30	Added	Added	Negative control moved to well 32, primer pair added for the B*38:157 allele.
31	Added	Added	3'-primer added from mix 12, 5'-primer exchanged for improved HLA-specific amplification and reducing tendency of primer oligomer formation.
32	-	-	Negative control added from well 30.

THE NUMBER OF WELLS is increased from 30 to 32 wells.

ALLELE COVERAGE:

B*38:01 to B*38:167 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, 2020-April-20, release 3.40.0.

The HLA-B*38 kit enables separation of the confirmed HLA-B*38 alleles as listed in the IMGT/HLA database 3.29.0. 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 many 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

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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>.

²The HLA-B*38 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*39 high resolution kit.

Alleles

B*38:156, 39:15, 39:915

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 comments received.