

Olerup SSP® HLA-B*13

Product number:	101.515-12 – including <i>Taq</i> polymerase 101.515-12u – without <i>Taq</i> polymerase
Lot number:	6G2
Expiry date:	2021-03-01
Number of tests:	12
Number of wells per test:	30+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*13 LOT (9E7):

Well	5'-primer	3'-primer	rationale
6	-	Exchanged	3'-primer exchanged for improved HLA-specific amplification.
13	Exchanged, modified, removed	Modified, removed	Exchanged 5'-primer, modified 5'- and 3'-primer, removed primer pair for decreased tendency of primer oligomer and improved HLA-specific amplification.
19	Added	-	5'-primer added for the B*13:52 allele.
21	Added	-	5'-primer added for the B*13:103N allele.
26	Added	-	5'-primer added for the B*13:103N allele, exchanged of positive primer control for decreased tendency of primer oligomer formation.
27	Added	-	5'-primer added for the B*13:52 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*13:01 to B*13:108, i.e. all the currently recognized HLA-B*13 alleles, will be amplified by the primers in the HLA-B*13 subtyping kit; www.ebi.ac.uk/imgt/hla, 2018-April-16¹, release 3.32.0.

The HLA-B*13 kit enables separation of the confirmed HLA-B*13 alleles as listed in the IMGT/HLA database 3.26.0. 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*13 kit also enables identification of null and alternatively expressed alleles.

The following HLA-B*13 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*13:15, 13:33	16
B*13:34, 13:38	19

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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>.

RESOLUTION IN HLA-B*13 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*13 SUBTYPINGS BY NON-HLA-B*13 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

None of importance.