

Olerup SSP[®] HLA-B*35

Product number:	101.522-24/03 – including <i>Taq</i> pol. 101.522-24u/03u – without <i>Taq</i> pol.
Lot number:	4H6
Expiry date:	2021-09-01
Number of tests:	24 tests – Product No. 101.522-24/24u 3 tests – Product No. 101.522-03/03u
Number of wells per test:	94+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*35 LOT (5G0):

Well	5'-primer	3'-primer	rationale
41	-	-	Positive control primer pair exchanged for decreased tendency of primer oligomer formation.
43	Added	-	5'-primer added for the B*35:390N allele.
49	Exchanged	-	5'-primer exchanged for decreased tendency of primer oligomer formation.
89	-	Added	3'-primer added for the B*35:381N allele.
94	Added	Added	Added primer pair for improved resolution of the B*35:08 allele. Negative control moved to well 95.
95	-	-	Negative control added from well 94.

THE NUMBER OF WELLS is increased from 94 to 95 wells.

ALLELE COVERAGE:

All the HLA-B*35 alleles, i.e. **B*35:01 to B*35:396**, recognized by the HLA Nomenclature Committee in October 2018^{1,2} will be amplified by the primers in the HLA-B*35 subtyping kit.

The HLA-B*35 kit enables separation of the confirmed HLA-B*35 alleles as listed in the IMGT/HLA database 3.24.0. 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*35 kit also enables identification of null and alternatively expressed alleles.

The following HLA-B*35 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*35:07, 35:382	10
B*35:122, 35:123	61
B*35:130N, 35:134N	64
B*35:132, 35:144	62

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B*35:219, 35:293	81
B*35:236, 35:381N	89

¹HLA-B alleles listed on the IMGT/HLA web page 2018-October-18, release 3.34.0, 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>.

RESOLUTION IN HLA-B*35 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*35 SUBTYPINGS BY NON-HLA-B*35 ALLELES:

The interpretation of HLA-B*35 subtypings is influenced by many other HLA-B alleles.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

None.

Changes in revision R01 compared to R00:

1. The control band of primer mix 41 has been corrected to 800 bp in the Product Insert and the Worksheet.

Changes in revision R02 compared to R01:

1. Primer mix 93 may give rise to a lower yield of HLA-specific PCR product than the other HLA-B*35 primer mixes. A footnote for the correction above has been added under the specificity table.