

101.523-24/03 – including *Taq* polymerase
101.523-24u/03u – without *Taq* polymerase
Lot No.: **2N0**

Olerup SSP[®] HLA-B*40

Product number: 101.523-24/03 – including *Taq* pol.
101.523-24u/03u – without *Taq* pol.
Lot number: 2N0
Expiry date: 2026-03-01
Number of tests: 24 tests – Product No. 101.523-24/24u
3 tests – Product No. 101.523-03/03u
Number of wells per test: 95+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*40 LOT (3L2):

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot.

Well	5'-primer	3'-primer	rationale
19	Added	-	5'-primers added for the 40:70:02 and *40:125:03 alleles.
44	-	Added	5'-primer added for improved yield of the *40:78 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*40:01 to B*40:511N, i.e. all the currently recognized HLA-B*40 alleles, will be amplified by the primers in the HLA-B*40 subtyping kit¹, www.ebi.ac.uk/imgt/hla, 2022-January-13, release 3.47.0.

The HLA-B*40 kit enables separation of the confirmed HLA-B*40 alleles as listed in the IMGT/HLA database 3.28.0. 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*40 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B*40 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*40:69, 40:221	56

The HLA-B*40 primer set cannot separate the alleles below. These alleles can be distinguished by the HLA-B low resolution kit.

Alleles

B*40:378, 40:420, 40:470, 40:504, 41:19



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For *In Vitro* Diagnostic Use
MA125 v01 SSP Release Note Template
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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*40 HOMO- AND HETEROZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF HLA-B*40 SUBTYPINGS BY NON-HLA-B*40 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.



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