

Olerup SSP® HLA-B*52

Product number: 101.562-06 – including *Taq* polymerase
101.562-06u – without *Taq* polymerase
Lot number: 0M6
Expiry date: 2025-03-01
Number of tests: 6
Number of wells per test: 22+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*52 LOT (2K7):

Well	5'-primer	3'-primer	rationale
14	-	Exchanged	Exchanged 3'-primer due to tendency of primer oligomer formation.
22	Added	Added	New primer pair for the B*52:25 allele.
23	-	-	Negative control added from well 22.

One well has been added to HLA-B*52, well **23**.

ALLELE COVERAGE:

B*52:01 to B*52:100, i.e. all the currently recognized HLA-B*52 alleles, will be amplified by the primers in the HLA-B*52 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2020-October-15, release 3.42.0.

The HLA-B*52 kit enables separation of the confirmed HLA-B*52 alleles as listed in the IMGT/HLA database 3.22.0. 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*52 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B*52 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*52:04, 52:09:01-52:09:02	2

The HLA-B*52 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*51 and HLA-B*53 high resolution kits.

Alleles

B*52:31:01-52:31:02, 51:310
B*52:88, 53:28

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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*52 HOMO- AND HETEROZYGOTES:

The B*52:01,52:01 genotype gives rise to a unique amplification pattern with respect to confirmed alleles.

INFLUENCE ON THE INTERPRETATION OF HLA-B*52 SUBTYPINGS BY NON-HLA-B*52 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.