

101.562-06 – including *Taq* polymerase

101.562-06u – without *Taq* polymerase

Lot No.: 9G4

Olerup SSP® HLA-B*52

Product number: 101.562-06 – including *Taq* polymerase
 101.562-06u – without *Taq* polymerase

Lot number: 9G4

Expiry date: 2021-04-01

Number of tests: 6

Number of wells per test: 20+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*52 LOT (0G1):

Well	5'-primer	3'-primer	rationale
3	-	Added	3'-primer added for the B*52:73 allele.
14	-	Modified	Positive control primer pair exchanged, 3'-primer modified for improved HLA-specific amplification and decreased tendency of primer oligomer formation.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

B*52:01 to B*52:76, i.e. all the currently recognized HLA-B*52 alleles, will be amplified by the primers in the HLA-B*52 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2018-July-11, release 3.33.0.

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 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
B*52:14, 52:49N	9
B*52:20, 52:25:01	8

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>.

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²The HLA-B*52 primer set cannot separate the B*52:28-52:29 from the B*53:17:01-53:17:02 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*53 high resolution kit.

The HLA-B*52 primer set cannot separate the B*52:73 from the B*78:05-B*78:06 alleles. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*78 high resolution kit.

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.