

101.549-06 – including *Taq* polymerase

101.549-06u – without *Taq* polymerase

Lot No.: 86V

Olerup SSP® HLA-B*53

Product number: 101.549-06 – including *Taq* polymerase
 101.549-06u – without *Taq* polymerase

Lot number: 86V

Expiry date: 2016-December-01

Number of tests: 6

Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*53 LOT (22S):

Well	5'-primer	3'-primer	rationale
7	-	Added	5'-primer added for B*53:26 allele.
21	Added	Added	Primer pair added for the B*53:30 allele.
23	New	New	New primer pair for the B*53:29 allele.
24	-	-	Negative Control.

THE NUMBER OF WELLS is increased from 22 to 24.

ALLELE COVERAGE:

B*53:01 to B*53:35, i.e. all the currently recognized HLA-B*53 alleles, will be amplified by the primers in the HLA-B*53 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2014 April-14, release 3.16.0.

The HLA-B*53 kit enables separation of the confirmed HLA-B*53 alleles as listed in the IMGT/HLA database. 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*53 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The HLA-B*53 subtyping cannot distinguish the following silent mutations: the B*53:01:01-53:01:10 alleles, the B*53:08:01-53:08:02 or the B*53:17:01-53:17:02 alleles.

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>.

²The B*53:01:01-53:01:10, 53:25, 53:27, 53:32, 53:34-53:35 and the B*58:01:14 alleles give rise to identical amplification patterns with the HLA-B*53 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*58 subtyping kit.

The B*53:03 and the 35:203, the B*53:30 and the 35:01:10, 35:46-35:47, 35:207 and 35:217 alleles give rise to identical amplification patterns with the HLA-B*53 subtyping kit. These alleles can be distinguished by the HLA-B low resolution kit and/or the HLA-B*35 subtyping kit.

RESOLUTION IN HLA-B*53 HOMO- AND HETEROZYGOTES:

Good.

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INFLUENCE ON THE INTERPRETATION OF HLA-B*53 SUBTYPINGS BY NON-HLA-B*53 ALLELES:

Many other HLA-B alleles are amplified by the HLA-B*53 primer set.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.