

Olerup SSP[®] HLA-B*53

Product number: 101.549-06 – including *Taq* polymerase
101.549-06u – without *Taq* polymerase
Lot number: 22S
Expiry date: 2015-October-01
Number of tests: 6
Number of wells per test: 22

CHANGES COMPARED TO THE PREVIOUS HLA-B*53 LOT (73N):

| Well | 5'-primer | 3'-primer | rationale |
|------|-----------|-----------|--|
| 13 | Added | - | 5'-primer added for resolution of the B*58:39N and the B*53:01 alleles. |
| 15 | Moved | Moved | Primer pair moved to well 22, exchanged positive control primer pair. |
| 21 | New | New | New primer pair for resolution of the B*52:03 and B*52:10:01-52:10:02 and the B*53:19 alleles. |
| 22 | New | New | Primer pair from well 15. |

THE NUMBER OF WELLS is increased from 20 to 22.

ALLELE COVERAGE:

B*53:01 to B*53:29, i.e. all the currently recognized HLA-B*53 alleles, will be amplified by the primers in the HLA-B*53 SSP kit¹; www.ebi.ac.uk/imgt/hla, 2013 January-11, release 3.11.0.

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-A*68 subtyping kit cannot distinguish the following silent mutations: the A*68:01:01:01-68:01:01:02, 68:01:03-68:01:05 and 68:01:07-68:01:10, the A*68:01:02 and 68:01:06, the A*68:02:01:01-68:02:04 and the A*68:03:01-68:03:02 alleles.

¹The B*53:03 and the 35:203 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.

101.549-06 – including *Taq* polymerase101. 549-06u – without *Taq* polymeraseLot No.: **22S****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.