

101.569-06 – including *Taq* polymerase

101.569-06u – without *Taq* polymerase

Lot No.: 05V

Olerup SSP® HLA-B*54

Product number: 101.569-06 – including *Taq* polymerase
101.569-06u – without *Taq* polymerase

Lot number: 05V

Expiry date: 2016-May-01

Number of tests: 6

Number of wells per test: 20+1

CHANGES COMPARED TO THE PREVIOUS HLA-B*54 LOT (95N):

Well	5'-primer	3'-primer	rationale
4	-	Exchanged	3'-primer modified for decreased tendency of unspecific amplifications.
13	-	Exchanged	3'-primer modified for decreased tendency of unspecific amplifications.
18	Added	-	5'-primer added for increased yield of HLA-specific PCR product.
21	New	New	Negative Control.

THE NUMBER OF WELLS is increased from 20 to 21.

ALLELE COVERAGE:

B*54:01 to B*54:30, i.e. all the currently recognized HLA-B*54 alleles, will be amplified by the primers in the HLA-B*54 subtyping kit; www.ebi.ac.uk/imgt/hla, 2013-October-11^{1,2}, release 3.14.0.

The HLA-B*54 kit enables separation of the confirmed HLA-B*54 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*54 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 following HLA-B*54 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*54:17, B*54:18	16

The HLA-B*54 subtyping kit cannot distinguish the following silent mutations: the B*54:01:01 and B*54:01:03-54:01:04 alleles.

¹HLA-B alleles listed on the IMGT/HLA web page 2013-October-11, release 3.14.0, www.ebi.ac.uk/imgt/hla.

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²Alleles 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*54 HOMO- AND HETEROZYGOTES:

Excellent.

INFLUENCE ON THE INTERPRETATION OF HLA-B*54 SUBTYPINGS BY NON-HLA-B*54 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.