

**101.569-06 – including *Taq* polymerase**

**101.569-06u – without *Taq* polymerase**

**Lot No.: 49Y**

## **Olerup SSP® HLA-B\*54**

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

**Lot number:** 49Y

**Expiry date:** 2017-December-01

**Number of tests:** 6

**Number of wells per test:** 21+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-B\*54 LOT (05V):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
21	Added	Added	Updated negative control moved to well 22, primer pair added for the B*54:32 allele.
22	-	-	Updated negative control added from well 21.

**THE NUMBER OF WELLS** is increased from 21 to 22.

### **ALLELE COVERAGE:**

B\*54:01 to B\*54:34, 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](http://www.ebi.ac.uk/imgt/hla), 2015-April-20<sup>1,2</sup>, release 3.20.0.

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:

<b>Alleles</b>	<b>Primer mix</b>
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\*54:01:03-54:01:06 alleles.

<sup>1</sup>HLA-B alleles listed on the IMGT/HLA web page 2015-April-20, release 3.20.0, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla).

<sup>2</sup>Alleles 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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**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.