

## Olerup SSP<sup>®</sup> HLA-B\*46

Product number:	101.544-06 – including <i>Taq</i> polymerase 101.544-06u – without <i>Taq</i> polymerase
Lot number:	5L1
Expiry date:	2024-10-01
Number of tests:	6
Number of wells per test:	23+1

### CHANGES COMPARED TO THE PREVIOUS HLA-B\*46 LOT (2K1):

Well	5'-primer	3'-primer	rationale
22	Added	-	5'-primer added for the B*46:77 allele.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

B\*46:01 to B\*46:81, i.e. all the currently recognized HLA-B\*46 alleles, give rise to unique amplification patterns; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2020-April-20, release 3.40.0<sup>1,2</sup>.

The HLA-B\*46 kit enables separation of the confirmed HLA-B\*46 alleles as listed in the IMGT/HLA database 3.31.0. 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\*46 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-B\*46 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
B*46:23, 46:57	18
B*46:28, 46:34	20

<sup>1</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>.

<sup>2</sup>The following alleles give rise to identical amplification patterns with the HLA-B\*46 high resolution kit. These alleles can be distinguished by the HLA-B low resolution and/or the respective kits.

#### Alleles

B\*46:01:26, 46:31, 46:47, 46:49, 46:79N, 15:318  
B\*46:77, 15:401, 54:06

### RESOLUTION IN HLA-B\*46 HOMO- AND HETEROZYGOTES:

The B\*46:01,46:01 genotype gives rise to a unique amplification pattern.

HLA-B\*46

Release Note

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101.544-06 – including *Taq* polymerase

101.544-06u – without *Taq* polymerase

Lot No.: **5L1**

**INFLUENCE ON THE INTERPRETATION OF HLA-B\*46 SUBTYPINGS BY NON-HLA-B\*46 ALLELES:**

None frequently occurring.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No suggestions received.