

## Olerup SSP<sup>®</sup> DRB1\*15

Product number:	101.125-24/06 – including <i>Taq</i> pol. 101.125-24u/06u – without <i>Taq</i> pol.
Lot number:	7G1
Expiry date:	2022-09-01
Number of tests:	24 test – Product No. 101.125-24 6 tests – Product No. 101.125-06
Number of wells per test:	31+1

### CHANGES COMPARED TO THE PREVIOUS DRB1\*15 LOT (2F2):

Well	5'-primer	3'-primer	rationale
3	Added	-	5'-primer added for the DRB1*15:01:33 allele.
16	Modified	-	5'-primer modified for improved HLA-specific amplification.
22	Removed, Exchanged	-	Excess 5'-primer removed, 5'-primer exchanged for improved HLA-specific amplification.
28	Modified	-	5'-primer modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

DRB1\*15:01 to DRB1\*15:150, i.e. all the currently recognized DRB\*15 alleles, will be amplified by the primers in the DRB\*15 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-April-16, release 3.32.0.

The DRB1\*15 kit enables separation of the confirmed DRB1\*15 alleles as listed in the IMGT/HLA database 3.26.0. 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 DRB1\*15 kit also enables identification of null and alternatively expressed alleles.

The following DRB1\*15 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*15:06:01-15:06:03, 15:77,15:110, 15:125	9
DRB1*15:16, 15:35	28
DRB1*15:30, 15:104:01-15:104:02	19
DRB1*15:42, 15:64	27
DRB1*15:75, 15:134N	26

**DRB1\*15**

**101.125-24/06 – including *Taq* polymerase**  
**101.125-24u/06u – without *Taq* polymerase**

**Lot No.: 7G1**

<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 DRB1\*15:70, 15:89 and 15:91 and the DRB1\*16:33 and 16:36 alleles give rise to identical amplification patterns with the DRB1\*15 high resolution kit. These alleles can be distinguished by the DR low resolution and/or DRB1\*16 kits.

**RESOLUTION IN DRB1\*15 HOMOZYGOTES:**

Excellent.

**INFLUENCE ON THE INTERPRETATION OF DRB1\*15 SUBTYPINGS BY NON-DRB1\*15 ALLELES:**

None frequently occurring.

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

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.