

## Olerup SSP<sup>®</sup> DRB1\*15

<b>Product number:</b>	101.125-24/06 – including <i>Taq</i> pol. 101.125-24u/06u – without <i>Taq</i> pol.
<b>Lot number:</b>	1S6
<b>Expiry date:</b>	2027-06-01
<b>Number of tests:</b>	24 test – Product No. 101.125-24 6 tests – Product No. 101.125-06
<b>Number of wells per test:</b>	31+1

### Changes compared to the previous DRB1\*15 Lot (9N7):

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot.

Well	5'-primer	3'-primer	rationale
9	Modified	-	5'-primer modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

DRB1\*15:01 to DRB1\*15:216, i.e. all the currently recognized DRB1\*15 alleles, will be amplified by the primers in the DRB1\*15 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2023-April-17, release 3.52.0.

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 many 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*15:06:01-15:06:04, 15:77, 15:110, 15:125, 15:214	9
DRB1*15:16, 15:35	28
DRB1*15:19, 15:155	9
DRB1*15:30, 15:104:01-15:104:03	19
DRB1*15:42, 15:64	27
DRB1*15:75, 15:134N	26

<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 DRB1\*15 high resolution kit. These alleles can be distinguished by the DR low resolution and/or DRB1\*16 kits.



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**DRB1\*15** Release Note  
**101.125-24/06 – including *Taq* polymerase**  
**101.125-24u/06u – without *Taq* polymerase**  
**Lot No.: 1S6**

**Alleles**

DRB1\*15:70, 15:89, 15:91, 15:157-15:158,  
DRB1\*16:33, 16:36, 16:58

**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 suggestions received.



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