

101.125-24/06 – including *Taq* polymerase

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

Lot No.: **83V**

## Olerup SSP® DRB1\*15

**Product number:** 101.125-24/06 – including *Taq* pol.  
101.125-24u/06u – without *Taq* pol.

**Lot number:** 83V

**Expiry date:** 2016-December-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 (23S):

Well	5'-primer	3'-primer	rationale
1	Added	-	5'-primer added for the DRB1*15:01:22 allele.
2	Added	-	5'-primer added for the DRB1*15:01:22 allele.
4	Added	-	5'-primer added for the DRB1*15:01:22 allele.
7	-	Added	3'-primer added for the DRB1*15:56 allele.
9	Added	-	5'-primer added for the DRB1*15:94 allele.
10	-	Added	3'-primer added from well 11.
11	Removed	Moved	3'-primer moved to well 11.
24	Added	-	5'-primer added for the DRB1*15:61 allele.
25	Added	-	5'-primers added for the DRB1*15:67 and DRB1*15:61 alleles.
26	Added	-	5'-primer added for the DRB1*15:75 allele.
27	Added	-	5'-primers added for the DRB1*15:64 and DRB1*15:67 alleles.
32	Moved	Moved	Primer pairs moved to well 11, Negative Control.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

DRB1\*15:01 to DRB1\*15:107, i.e. all the currently recognized DRB1\*15 alleles, will be amplified by the primers in the DRB1\*15 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2014-April-14, release 3.16.0.

The DRB1\*15 kit enables separation of the confirmed DRB1\*15 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 DRB1\*15 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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

Alleles	Primer mix
DRB1*15:16, 15:35	28
DRB1*15:42, 15:64	27

The DRB1\*15 subtyping kit cannot distinguish the following silent mutations: the DRB1\*15:01:01:01-15:01:24 alleles, the DRB1\*15:02:01-15:02:06 and DRB1\*15:02:08-15:02:09 alleles, the DRB1\*15:03:01:01-15:03:01:02 alleles, the DRB1\*15:06:01-15:06:02 alleles, the DRB1\*15:07:01-15:07:02, the DRB1\*15:37:01-15:37:02 alleles or the DRB1\*15:66:01-15:66:02 alleles.

<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>.

#### **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.