

## **Olerup SSP® DRB1\*16**

**Product number:** 101.126-12 – including *Taq* polymerase  
101.126-12u – without *Taq* polymerase  
**Lot number:** 7F0  
**Expiry date:** 2020-04-01  
**Number of tests:** 12  
**Number of wells per test:** 15+1

### **CHANGES COMPARED TO THE PREVIOUS DRB1\*16 LOT (6D7):**

Well	5'-primer	3'-primer	rationale
1	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.
2	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.
4	-	Added	3'-primer added for the DRB1*16:46 allele.
5	-	Added	3'-primer added for the DRB1*16:41N allele.
8	-	Added	3'-primer added for the DRB1*16:41N allele.
9	-	Added	3'-primer added for the DRB1*16:40 allele.
12	Exchanged	Modified	5'-primer exchanged and 3'-primer modified for increased yield.
13	-	Added	3'-primer added for the DRB1*16:40 allele.

**THE NUMBER OF WELLS** is unchanged.

#### **ALLELE COVERAGE:**

DRB1\*16:01 to DRB1\*16:47, i.e. all the currently recognized DRB1\*16 alleles, will be amplified by the primers in the DRB1\*16 subtyping kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2017-August-10, release 3.29.0.

The DRB1\*16 kit enables separation of the confirmed DRB1\*16 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\*16 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 DRB1\*16 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*16:03, 16:30	4

**DRB1\*16**

**Release Note**

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**RESOLUTION IN DRB1\*16 HOMOZYGOTES:**

Excellent.

**INFLUENCE ON THE INTERPRETATION OF DRB1\*16 SUBTYPINGS BY NON-DRB1\*16 ALLELES:**

None frequently occurring.

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

In primer mixes 1 and 2; the 5'-primer was exchanged for improved HLA-specific amplification. In primer mix 12; the 5'-primer was exchanged and the 3'-primer was modified for increased yield.