

101.113-24/04 – including *Taq* polymerase  
101.113-24u/04u – without *Taq* polymerase

Lot No.: **15S**

## **Olerup SSP® DRB1\*03**

**Product number:** 101.113-24/04 – including *Taq* pol.  
101.113-24u/04u – without *Taq* pol.  
**Lot number:** 15S  
**Expiry date:** 2015-September-01  
**Number of tests:** 24 tests – Product No. 101.113-24  
4 tests – Product No. 101.113-04  
**Number of wells per test:** 32

### **CHANGES COMPARED TO THE PREVIOUS DRB1\*03 LOT (90N):**

Well	5'-primer	3'-primer	rationale
7	-	Added	3'-primer moved from well 22 and 23.
22	-	Moved	3'-primer moved to well 7, for decreased tendency of primer oligomer formation.
23	-	Moved	3'-primer moved to well 7, for decreased tendency of primer oligomer formation.
25	Added	-	5'-primer added for the DRB1*03:69 allele.
27	-	Added	3'-primer added for the DRB1*03:71 allele.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

DRB1\*03:01 to DRB1\*03:89, i.e. all the currently recognized DRB1\*03 alleles, will be amplified by the primers in the DRB1\*03 subtyping kit<sup>1</sup>, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2013-January-11, release 3.11.0.

The DRB1\*03 kit enables separation of the confirmed DRB1\*03 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\*03 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 DRB1\*03 subtyping kit cannot distinguish the following silent mutations: the DRB1\*03:01:01:01-03:01:21, the DRB1\*03:02:01 and 03:02:02, the DRB1\*03:04:01 and 03:04:02, the DRB1\*03:05:01 to 03:05:03 or the DRB1\*03:13:01 and 03:13:02 alleles.

<sup>2</sup>The DRB1\*03 primer set cannot separate the DRB1\*03:35 and DRB1\*14:127 alleles. These alleles can be distinguished by the DR low resolution kit and/or the DRB1\*14 high resolution kit. The DRB1\*03 primer set cannot separate the DRB1\*03:77, 03:84 and 03:89 and the DRB1\*14:95 alleles. These alleles can be distinguished by the DR low resolution kit and/or the DRB1\*14 high resolution kit.

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**RESOLUTION IN DRB1\*03 HOMOZYGOTES:**

The DRB1\*03:01,03:01, DRB1\*03:01,03:02 and DRB1\*03:02,03:02 genotypes all give rise to unique amplification patterns.

**INFLUENCE ON THE INTERPRETATION OF DRB1\*03 SUBTYPINGS BY NON-DRB1\*03 ALLELES:**

Most frequently encountered DRB1\*03,11; DRB1\*03,13 and DRB1\*03,14 genotypes give rise to unique amplification patterns.

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

No comments received.