

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

Lot No.: **90N**

Olerup SSP® DRB1*03

Product number: 101.113-24/04 – including *Taq* pol.
 101.113-24u/04u – without *Taq* pol.
Lot number: 90N
Expiry date: 2015-January-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 (52M):

Well	5'-primer	3'-primer	rationale
9	-	Added	3'-primer added for the DRB1*03:01:12 allele.
12	-	Added	3'-primer added for the DRB1*03:76 allele.
13	-	Added	3'-primer added for the DRB1*03:62 allele.
14	-	Added	3'-primer added for the DRB1*03:68N allele.
15	-	Modified, added	3'-primer added for the DRB1*03:62 allele, improved specificity of amplification.
18	Added	-	5'-primer added for the DRB1*03:01:16 allele.
20	-	Added	3'-primer added for the DRB1*03:68N allele.
22	-	Added	3'-primer added for the DRB1*03:72 allele.
23	-	Added	3'-primer added for the DRB1*03:72 allele.
25	Added	-	5'-primer added for the DRB1*03:67N allele.
27	-	Added	3'-primer added for the DRB1*03:53 allele.
28	Added	-	5'-primer added for the DRB1*03:67N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*03:01 to DRB1*03:81, i.e. all the currently recognized DRB1*03 alleles, will be amplified by the primers in the DRB1*03 subtyping kit¹, www.ebi.ac.uk/imgt/hla, 2012-April-12, release 3.8.0.

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*03:01:01:01-03:01:19, the DRB1*03:02:01 and 03:02:02, the DRB1*03:05:01 to 03:05:03 or the DRB1*03:13:01 and 03:13:02 alleles.

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¹The DRB1*03 primer set cannot separate the DRB1*03:77 and DRB1*14:95 alleles. These alleles can be distinguished by the DR low resolution kit and/or the DRB1*14 high resolution kit.

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.