

101.116-24/03 – including *Taq* polymerase

101.116-24u/03u – without *Taq* polymerase

Lot No.: **01Y**

Olerup SSP® DRB1*13

Product number: 101.116-24/24u – including *Taq* pol.
101.116-03/03u – without *Taq* pol.

Lot number: 01Y

Expiry date: 2017-October-01

Number of tests: 24 tests – Product No. 101.116-24/24u
3 tests – Product No. 101.116-03/03u

Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS DRB1*13 LOT (59S):

Well	5'-primer	3'-primer	rationale
15	-	Added	3'-primer added for increased yield.
17	-	Added	3'-primer added for the DRB1*13:178 allele.
19	-	Added	3'-primer added from well 41.
21	-	Added	3'-primer added for the DRB1*13:193 allele.
22	-	Added	3'-primer added for the DRB1*13:105 allele.
24	-	Added	3'-primers added for the DRB1*13:166 and 13:185N alleles, exchanged positive control primer pair.
25	-	Added	3'-primer added for the DRB1*13:185N allele.
34	-	Added	3'-primer added for the DRB1*13:178 allele.
35	-	Added	3'-primer added for the DRB1*13:105 allele.
36	-	Added	3'-primer added from well 41.
39	-	Added	3'-primer added for the DRB1*13:166 allele, exchanged control primer pair.
40	-	Added	3'-primer added from well 41.
41	Removed, Added	Moved, added	5'-primer removed, 3'-primers moved to wells 19, 36 and 40, primer pair added for the DRB1*13:50:02 and 13:50:03 alleles.
43	Added	Added	Primer pair added for the DRB1*13:124, 5'-primer added for the DRB1*13:190 allele.
45	-	Added	3'-primer added from well 48, 3'-primer added for the DRB1*13:147 allele.
46	-	Added	3'-primer added from well 48, 3'-primer added for the DRB1*13:147 allele.
48	Removed	Moved	5'-primer removed, 3'-primers moved to wells 45 and 46, negative control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*13:01 to DRB1*13:196, i.e. all the currently recognized DRB1*13 alleles, will be amplified by the primers in the DRB1*13 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2015-January-19, release 3.19.0.

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The DRB1*13 kit enables separation of the confirmed DRB1*13 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*13 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*13 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*13:92, 13:98	36

The DRB1*13 subtyping kit cannot the following silent mutations: the DRB1*13:01:01-13:01:02, 13:01:04-13:01:06, 13:01:08 and 13:01:10-13:01:16, the DRB1*13:02:01, 13:02:03-13:02:08 and 13:02:11, the DRB1*13:03:01-13:03:06, the DRB1*13:05:01-13:05:02, the DRB1*13:07:01-13:07:02, the DRB1*13:11:01-13:11:02, the DRB1*13:12:01-13:12:04, DRB1*13:14:01-13:14:03 alleles, the DRB1*13:21:01-13:21:02, the DRB1*13:23:01-13:23:02, the DRB1*13:33:02-13:33:03, the DRB1*13:50:02-13:50:03 and the DRB1*13:66:01-13:66:02 alleles.

¹Alleles 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>.

²The DRB1*13 primer set cannot separate the DRB1*13:165 and 13:171:01 from DRB1*11:20 alleles. These alleles can be distinguished by the DR low resolution kit and/or DRB1*11 high resolution kit.

RESOLUTION IN DRB1*13 HOMOZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF DRB1*13 SUBTYPINGS BY NON-DRB1*13 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.