

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

Lot No.: **5G1**

Olerup SSP® DRB1*13

Product number: 101.116-24/03 – including *Taq* pol.
101.116-24u/03u – without *Taq* pol.
Lot number: 5G1
Expiry date: 2021-01-01
Number of tests: 24 tests – Product No. 101.116-24/24u
3 tests – Product No. 101.116-03/03u
Number of wells per test: 57+1

CHANGES COMPARED TO THE PREVIOUS DRB1*13 LOT (1F6):

Well	5'-primer	3'-primer	rationale
29	Modified	-	5'-primer modified for improved HLA-specific amplification.
47	Modified	Exchanged	5'-primer modified and 3'-primer exchanged for improved HLA-specific amplification.
56	-	Added	3'-primer added for the DRB1*13:34 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*13:01 to DRB1*13:247, 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, 2018-January-19, release 3.31.0.

The DRB1*13 kit enables separation of the confirmed DRB1*13 alleles as listed in the IMGT/HLA database 3.26.0. 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 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*13:28, 13:221	23
DRB1*13:80, 13:242:01	34
DRB1*13:92, 13:98	36

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.

DRB1*13

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The DRB1*13 primer set cannot separate the DRB1*13:193 from DRB1*14:95 alleles. These alleles can be distinguished by the DR low resolution kit and/or DRB1*14 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.