

## Olerup SSP<sup>®</sup> DRB1\*13

Product number:	101.116-24/03 – including <i>Taq</i> pol. 101.116-24u/03u – without <i>Taq</i> pol.
Lot number:	1K0
Expiry date:	2022-01-01
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 (5G1):

Well	5'-primer	3'-primer	rationale
26	Added	Added	Primers have been optimized for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

### ALLELE COVERAGE:

DRB1\*13:01 to DRB1\*13:279, i.e., all the currently recognized DRB1\*13 alleles, will be amplified by the primers in the DRB1\*13 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-April-17, release 3.36.0.

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, 56
DRB1*13:80, 13:242:01	34
DRB1*13:92, 13:98	36

<sup>1</sup>Alleles 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>.

<sup>2</sup>The DRB1\*13 primer set cannot separate the DRB1\*13:17 from DRB1\*11:229 alleles. These alleles can be distinguished by the DR low resolution kit and/or DRB1\*11 high resolution kit.

The 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.

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.

**DRB1\*13**

101.116-24/03 – including *Taq* polymerase

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

Lot No.: **1K0**

**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.