

Olerup SSP® DRB1*13

Product number:	101.116-24/03 – including <i>Taq</i> pol. 101.116-24u/03u – without <i>Taq</i> pol.
Lot number:	0M3
Expiry date:	2025-03-01
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 (0L5):

Well	5'-primer	3'-primer	rationale
23	-	Added	3'-primer added for the DRB1*13:28:02 allele.
44	Added	-	5'-primer added for improved yield of the DRB1*13:53 allele.
53	Added	-	5'-primer added for the DRB1*13:187 allele.
56	-	Added	3'-primer added for the DRB1*13:28:02 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*13:01 to DRB1*13:308, 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, 2021-January-18, release 3.43.0.

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 many 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*13:28:01-13:28:02, 13:221	23, 56
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>.

DRB1*13

101.116-24/03 – including *Taq* polymerase

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

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²The following alleles cannot be separated by the HLA-DRB1*13 primer set. These alleles can be distinguished by the DR low resolution kit and/or the HLA- DRB1*11 and DRB1*14 high resolution kit.

Alleles

DRB1*13:17, DRB1*11:229, 11:270

DRB1*13:165, 13:171:01, DRB1*11:20

DRB1*13:193, DRB1*14:95

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:

In primer mix 44, a 5'-primer was added for improved yield of the DRB1*13:53 allele.