

DRB1*14
101.117-12/03 – including *Taq* polymerase
101.117-12u/03u – without *Taq* polymerase
Lot No.: **9G3**

Release Note

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Olerup SSP® DRB1*14

Product number: 101.117-12/03 – including *Taq* pol.
101.117-12u/03u – without *Taq* pol.
Lot number: 9G3
Expiry date: 2021-05-01
Number of tests: 12 tests – Product No. 101.117-12/12u
3 tests – Product No. 101.117-03/03u
Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS DRB1*14 LOT (3F6):

Well	5'-primer	3'-primer	rationale
29	-	Added	3'-primer added for the DRB1*14:195N allele.
43	-	Added	3'-primer added for the DRB1*14:188N allele.
46	-	Added	3'-primer added for the DRB1*14:197N allele.
47	-	Added	3'-primer added for the DRB1*14:197N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*14:01 to DRB1*14:199, i.e. all the currently recognized DRB1*14 alleles, will be amplified by the primers in the DRB1*14 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2018-July-11, release 3.33.0.

The DRB1*14 kit enables separation of the confirmed DRB1*14 alleles as listed in the IMGT/HLA database 3.27.0. 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*14 kit also enables identification of null and alternatively expressed alleles.

The following DRB1*14 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*14:01:02-14:01:04, 14:86	26
DRB1*14:26, 14:110	24
DRB1*14:75, 14:162	41

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*14 primer set cannot separate the DRB1*14:21 and the DRB1*03:76 and DRB1*13:178 alleles. These alleles can be distinguished by the DR low resolution and/or DRB1*03 kits.

RESOLUTION IN DRB1*14 HOMOZYGOTES:

Good.

DRB1*14

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INFLUENCE ON THE INTERPRETATION OF DRB1*14 SUBTYPINGS BY NON-DRB1*14 ALLELES:

Most frequently encountered DRB1*03,14; DRB1*11,14 and DRB1*13,14 genotypes give rise to unique amplification patterns.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.