101.117-12/03 – including *Taq* polymerase
101.117-12u/03u – without *Taq* polymerase
Lot No.: 5L2

Olerup SSP® DRB1*14

Product number:	**101.117-12/03 – including *Taq* pol.** **101.117-12u/03u – without *Taq* pol.**
Lot number:	**5L2**
Expiry date:	**2024-09-01**
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 (5K3):

Well	5'-primer	3'-primer	rationale
21	-	Added	3'-primer added for the DRB1*14:114 allele.
43	Added	-	5'-primer added for the DRB1*14:111 allele.
47	-	Added	3'-primer added for the DRB1*14:114 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*14:01 to DRB1*14:221, 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, 2020-April-20, release 3.40.0.

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 many 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

[1]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.
[2]The DRB1*14 primer set cannot separate the following alleles. These alleles can be distinguished by the DR low resolution and/or DRB1*03 and DRB1*13 kits:

Alleles
DRB1*14:21, DRB1*03:76, DRB1*13:178

RESOLUTION IN DRB1*14 HOMOZYGOTES:

Good.

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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.