Olerup SSP® DRB1*14

Product number:	**101.117-12/03 – including *Taq* pol.** **101.117-12u/03u – without *Taq* pol.**
Lot number:	**4R8**
Expiry date:	**2026-12-01**
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 (6N0):
The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot **(Lot No. 6N0)**.

Well	5'-primer	3'-primer	rationale
11	-	Exchanged	3'-primer added for improved allelic resolution.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
DRB1*14:01 to DRB1*14:247, 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, 2022-October-12, release 3.50.0.

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*03:174N, DRB1*13:178

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For *In Vitro* Diagnostic Use

RESOLUTION IN DRB1*14 HOMOZYGOTES:
Good.

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.