Olerup SSP® DRB1*03

Product number:	**101.113-24/04 – including *Taq* pol.** **101.113-24u/04u – without *Taq* pol.**
Lot number:	**7R2**
Expiry date:	**2027-02-01**
Number of tests:	**24 tests – Product No. 101.113-24/24u** **4 tests – Product No. 101.113-04/04u**
Number of wells per test:	**31+1**

CHANGES COMPARED TO THE PREVIOUS DRB1*03 LOT (4N8):
The DRB1*03 primer set is unchanged compared to the previous *Olerup* SSP® DRB1*03 **(Lot No. 4N8)**.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
DRB1*03:01 to DRB1*03:203, i.e. all the currently recognized DRB1*03 alleles, will be amplified by the primers in the DRB1*03 subtyping kit[1], www.ebi.ac.uk/imgt/hla, 2022-October-12[1,2], release 3.50.0.

The DRB1*03 kit enables separation of the confirmed DRB1*03 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*03 kit also enables identification of many null and alternatively expressed alleles.

The following DRB1*03 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix
DRB1*03:18, 03:48	22
DRB1*03:20, 03:93	17

[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*03 primer set cannot separate the following alleles. These alleles can be distinguished by the DR low resolution kit and/or the DRB1*14 high resolution kit:

Alleles
DRB1*03:35, DRB1*14:127:01-14:127:02
DRB1*03:97, DRB1*14:33
DRB1*03:126, DRB1*14:95

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For *In Vitro* Diagnostic Use

RESOLUTION IN DRB1*03 HOMOZYGOTES:

The DRB1*03:01,03:01, DRB1*03:01,03:02 and DRB1*03:02,03:02 genotypes all give rise to unique amplification patterns.

INFLUENCE ON THE INTERPRETATION OF DRB1*03 SUBTYPINGS BY NON-DRB1*03 ALLELES:

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

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.