

101.121-24/04 – including *Taq* polymerase
101.121-24u/04u – without *Taq* polymerase

Lot No.: 7F6

Olerup SSP[®] DRB3

Product number: 101.121-24/04 – including *Taq* pol.
101.121-24u/04u – without *Taq* pol.
Lot number: 7F6
Expiry date: 2021-12-01
Number of tests: 24 tests – Product No. 101.121-24/24u
4 tests – Product No. 101.121-04/04u
Number of wells per test: 45+1

CHANGES COMPARED TO THE PREVIOUS DRB3 LOT (2E8):

| Well | 5'-primer | 3'-primer | rationale |
|-------------|------------------|------------------|---|
| 2 | Added | - | 5'-primer added for the DRB3*03:01:04 allele. |
| 20 | - | Added | 3'-primer added for the DRB3*01:01:08 allele. |
| 21 | - | Added | 3'-primer added for the DRB3*02:43 allele. |
| 25 | - | Added | 3'-primer added for the DRB3*02:60 allele. |
| 28 | - | Added | 3'-primer added for the DRB3*02:55N allele. |
| 29 | - | Modified | 3'-primer modified for increased yield. |
| 33 | - | - | Primers have been optimized for increased yield. |
| 34 | Added | Added | Primer pair added for the DRB3*01:43 allele. |
| 35 | - | Added | 3'-primer added for the DRB3*02:51 allele. |
| 36 | - | Added | 3'-primers added for the DRB3*01:35 and DRB3*02:43 alleles. |
| 37 | - | Added | 3'-primers added for the DRB3*01:31, DRB3*01:45 and DRB3*02:47 alleles. |
| 39 | Added | Added | Negative control moved to well 46, primer pairs added for the DRB3*01:40N and DRB3*02:39 alleles. |
| 40 | New | New | New primer mix added for the DRB3*01:30 and DRB3*03:13 alleles. |
| 41 | New | New | New primer mix added for the DRB3*02:57 and DRB3*02:60 alleles. |
| 42 | New | New | New primer mix added for the DRB3*01:37, DRB3*02:61Q and DRB3*03:08 alleles. |
| 43 | New | New | New primer mix added for the DRB3*02:47 allele. |
| 44 | New | New | New primer mix added for the DRB3*01:26N and DRB3*02:55N alleles. |
| 45 | New | New | New primer mix added for the DRB3*02:31:02 allele. |
| 46 | - | - | Negative Control added from well 39. |

THE NUMBER OF WELLS is increased from 39 to 46 wells.

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ALLELE COVERAGE:

DRB3*01:01 to DRB3*01:45, DRB3*02:01 to DRB3*02:65 and DRB3*03:01 to DRB3*03:13, i.e. all the currently recognized DRB3¹ alleles, will be amplified by the primers in the DRB3 subtyping kit; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

The DRB3 kit enables separation of the confirmed DRB3 alleles as listed in the IMGT/HLA database. 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. Current allele confirmation status for DRB3 alleles is listed below.

The DRB3 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

The following DRB3 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

| Alleles | Primer mix |
|-------------------|------------|
| DRB3*02:32, 02:34 | 38 |

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>.

RESOLUTION IN DRB3 HOMOZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF DRB3 SUBTYPINGS BY NON-DRB3 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.

Changes in revision R01 compared to R00:

1. The expiration date has been altered due to extension of shelf-life.