

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

Lot No.: **6H5**

Olerup SSP[®] DRB3

Product number: 101.121-24/04 – including *Taq* pol.
101.121-24u/04u – without *Taq* pol.
Lot number: 6H5
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: 47+1

CHANGES COMPARED TO THE PREVIOUS DRB3 LOT (7F6):

Well	5'-primer	3'-primer	rationale
7	-	Added	3'-primer added for the DRB3*01:23 allele.
8	-	Added	3'-primer added for the DRB3*01:23 allele.
21	-	Modified	3'-primer modified for improved yield of the DRB3*03:15 allele.
22	Added	-	5'-primer added for the DRB3*02:67N allele.
28	Exchanged /added	-	Exchanged 5'-primer added from well 34 for improved HLA-Specific amplification.
34	Exchanged /moved	Exchanged	Exchanged 5'-primer moved to well 28 and 41, exchanged 3'-primer for improved HLA-specific amplification. Exchanged positive control primers.
37	-	Modified	3'-primer modified for improved yield of the DRB3*03:15 allele.
38	Added	-	5'-primer added for the DRB3*02:78 allele.
41	Exchanged /added	-	Exchanged 5'-primer added from well 34 for improved HLA-specific amplification.
42	Added	-	5'-primer added for the DRB3*02:73 allele.
44	-	Added	3'-primer added for the DRB3*02:80N allele.
46	Added	Added	Negative control moved to well 48, primer pairs added for the DRB3*02:70 allele.
47	New	New	New primer pair added for the DRB3*02:78 allele.
48	New	New	Negative Control added from well 48.

THE NUMBER OF WELLS is increased from 46 to 48 wells.

ALLELE COVERAGE:

DRB3*01:01 to DRB3*01:49, DRB3*02:01 to DRB3*02:81 and DRB3*03:01 to DRB3*03:17, 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, 2018-October-18, release 3.34.0.

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.

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The DRB3 kit also enables identification 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*02:12, 02:67N	22
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.