

DRB1*04

101.114-24/03 – including *Taq* polymerase

101.114-24u/03u – without *Taq* polymerase

Lot No.: 3F5

Olerup SSP[®] DRB1*04

Product number: 101.114-24/03 – including *Taq* pol.
101.114-24u/03u – without *Taq* pol.

Lot number: 3F5

Expiry date: 2020-03-01

Number of tests: 24 tests – Product No. 101.114-24/24u
3 tests – Product No. 101.114-03/03u

Number of wells per test: 47+1

CHANGES COMPARED TO THE PREVIOUS DRB1*04 LOT (9D2):

Well	5'-primer	3'-primer	rationale
29	Added	-	5'-primer added for the DRB1*04:192 and DRB1*04:213 alleles.
31	Added	-	5'-primer added for the DRB1*04:214N alleles.
34	Added	-	5'-primer added for the DRB1*04:192 and DRB1*04:213 alleles.
36	Modified	-	5'-primer modified for improved HLA-specific amplification.
37	-	Modified, added	3'-primer modified for improved HLA-specific amplification, 3'-primer added for the DRB1*04:72:02 allele.
42	Added	-	3'-primer added for increased yield.
43	Added	Added	Primer pair added for the DRB1*04:218 allele.
46	Added	Added	Primer pair added for the DRB1*04:214N allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*04:01 to DRB1*04:221, i.e. all the currently recognized DRB1*04 alleles, are amplified by the DRB1*04 kit¹; www.ebi.ac.uk/imgt/hla, 2017-January-20, release 3.27.0.

The DRB1*04 kit enables separation of the confirmed DRB1*04 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.

The DRB1*04 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

DRB1*04

101.114-24/03 – including *Taq* polymerase

101.114-24u/03u – without *Taq* polymerase

Lot No.: **3F5**

The following DRB1*04 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DRB1*04:16, 04:151	12	DRB1*04:49, 04:219	27
DRB1*04:23, 04:180	12	DRB1*04:89, 04:178N	38
DRB1*04:27, 04:110	20	DRB1*04:117, 04:119N	47
DRB1*04:39, 04:101	19		

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 DRB1*04 HOMOZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF DRB1*04 SUBTYPINGS BY NON-DRB1*04 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.