

101.118-24 – including *Taq* polymerase

101.118-24u – without *Taq* polymerase

Lot No.: **02V**

Olerup SSP® DRB1*07

Product numbers:	101.118-24 – including <i>Taq</i> polymerase 101.118-24u – without <i>Taq</i> polymerase
Lot number:	02V
Expiry date:	2016-June-01
Number of tests:	24
Number of wells per test:	15+1

CHANGES COMPARED TO THE PREVIOUS DRB1*07 LOT (06R):

Well	5'-primer	3'-primer	rationale
3	Added	-	5'-primer added for the DRB1*07:26N allele.
4	-	Added	3'-primer added for the DRB1*07:25 allele.
5	-	Added	3'-primer added for the DRB1*07:25
7	-	Added	3'-primer added for the DRB1*07:28 allele.
8	Added	-	5'-primer added for the DRB1*07:26N allele.
9	Added	-	5'-primer added for the DRB1*07:23 allele.
11		Added	3'-primer added for the DRB1*07:24 allele.
12	Added	-	5'-primer added for the DRB1*07:23 allele.
14		Added	3'-primer added from well 16, 3'-primer added for the DRB1*07:27 allele.
15	-	Added	3'-primer added from well 16, 3'-primer added for the DRB1*07:28 allele
16	Moved	Moved	Primers moved to wells 14 and 15, Negative Control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*07:01 to DRB1*07:28, i.e. all the currently recognized DRB1*07 alleles, will be amplified by the primers in the DRB1*07 subtyping kit; www.ebi.ac.uk/imgt/hla, 2013-October-25^{1,2}, release 3.14.0.

The DRB1*07 kit enables separation of the confirmed DRB1*07 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*07 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

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The following DRB1*07 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix
DRB1*07:14, 07:24	11
DRB1*07:17, 07:27	14

The DRB1*07 subtyping kit cannot distinguish the silent mutations in the DRB1*07:01:01:01 to DRB1*07:01:07 alleles.

¹DRB1 alleles listed on the IMGT/HLA web page 2013-October-11, release 3.14.0.

²Alleles 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*07 HOMOZYGOTES:

The DRB1*07:01,07:01 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF DRB1*07 SUBTYPINGS BY NON-DRB1*07 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.