

Olerup SSP® DRB1*07

Product numbers:	101.118-24 – including <i>Taq</i> polymerase 101.118-24u – without <i>Taq</i> polymerase
Lot number:	3G7
Expiry date:	2022-05-01
Number of tests:	24
Number of wells per test:	21+1

CHANGES COMPARED TO THE PREVIOUS DRB1*07 LOT (3E8):

Well	5'-primer	3'-primer	rationale
16	-	Modified	3'-primer modified for decreased tendency of primer oligomer formation. Exchanged positive control primers.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*07:01 to DRB1*07:84, 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, 2018-January-19^{1,2}, release 3.31.0.

The DRB1*07 kit enables separation of the confirmed DRB1*07 alleles as listed in the IMGT/HLA database 3.25.0. 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*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.

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

Alleles	Primer mix	Alleles	Primer mix
DRB1*07:06, 07:32	6	DRB1*07:39, 07:68N	20
DRB1*07:14, 07:24	11	DRB1*07:40, 07:56	17
DRB1*07:17, 07:27	14	DRB1*07:44, 07:48	21
DRB1*07:30, 07:42	19		

¹DRB1 alleles listed on the IMGT/HLA web page 2018-January-19, release 3.31.0.

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>.

DRB1*07

Release Note

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101.118-24 – including *Taq* polymerase

101.118-24u – without *Taq* polymerase

Lot No.: 3G7

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.

Changes in revision R01 compared to R00:

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