

Olerup SSP[®] DRB1*09

Product number:	101.120-06 – including <i>Taq</i> polymerase 101.120-06u – without <i>Taq</i> polymerase
Lot number:	5F9
Expiry date:	2020-03-01
Number of tests:	6
Number of wells per test:	14+1

Changes compared to the previous DRB1*09 Lot (1D2):

Well	5'-primer	3'-primer	rationale
4	Moved	Moved, exchanged	Primer pairs moved to well 14 for improved HLA-specific amplification, 3'-primer exchanged for improved HLA-specific amplification.
12	Added	Added	Negative Control moved to well 12, primer pair added for the DRB1*09:25 allele.
13	New	New	New primer pair added for the DRB1*09:27 allele.
14	Added	Added	Primer pairs added from well 4 for improved HLA-specific amplification.
15	-	-	Negative Control added from well 12.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*09:01 to DRB1*09:31, i.e. all the currently recognized DRB1*09 alleles, will be amplified by the primers in the DRB1*09 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2017-August-10, release 3.29.0.

The DRB1*09 kit enables separation of the confirmed DRB1*09 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*09 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*09 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*09:09, 09:13, 09:17, 09:18	14

¹DRB alleles listed on the IMGT/HLA web page 2017-August-10, release 3.29.0, www.ebi.ac.uk/imgt/hla.

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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*09 HOMOZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF DRB1*09 SUBTYPINGS BY NON-DRB1*09 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.