Olerup SSP® DRB1*15

Product number:	**101.125-24/06 – including *Taq* pol.** **101.125-24u/06u – without *Taq* pol.**
Lot number:	**7G1**
Expiry date:	**2021-03-01**
Number of tests:	**24 test – Product No. 101.125-24** **6 tests – Product No. 101.125-06**
Number of wells per test:	**31+1**

CHANGES COMPARED TO THE PREVIOUS DRB1*15 LOT (2F2):

Well	5'-primer	3'-primer	rationale
3	Added	-	5'-primer added for the DRB1*15:01:33 allele.
16	Modified	-	5'-primer modified for improved HLA-specific amplification.
22	Removed, Exchanged	-	Excess 5'-primer removed, 5'-primer exchanged for improved HLA-specific amplification.
28	Modified	-	5'-primer modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:
DRB1*15:01 to DRB1*15:150, i.e. all the currently recognized DRB*15 alleles, will be amplified by the primers in the DRB*15 subtyping kit[1,2]; www.ebi.ac.uk/imgt/hla, 2018-April-16, release 3.32.0.

The DRB1*15 kit enables separation of the confirmed DRB1*15 alleles as listed in the IMGT/HLA database 3.26.0. 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*15 kit also enables identification of null and alternatively expressed alleles.

The following DRB1*15 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*15:06:01-15:06:03, 15:77,15:110, 15:125	9
DRB1*15:16, 15:35	28
DRB1*15:30, 15:104:01-15:104:02	19
DRB1*15:42, 15:64	27
DRB1*15:75, 15:134N	26

[1]Alleles 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.
[2]The DRB1*15:70, 15:89 and 15:91 and the DRB1*16:33 and 16:36 alleles give rise to identical amplification patterns with the DRB1*15 high resolution kit. These alleles can be distinguished by the DR low resolution and/or DRB1*16 kits.

RESOLUTION IN DRB1*15 HOMOZYGOTES:

Excellent.

INFLUENCE ON THE INTERPRETATION OF DRB1*15 SUBTYPINGS BY NON-DRB1*15 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.