

Olerup SSP[®] DRB1*15

Product number:	101.125-24/06 – including <i>Taq</i> pol. 101.125-24u/06u – without <i>Taq</i> pol.
Lot number:	2L7
Expiry date:	2024-07-01
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 (7G1):

Well	5'-primer	3'-primer	rationale
7	-	Modified	3'-primer modified for improved yield of the DRB1*15:56 allele.
11	-	Modified	3'-primer modified for improved HLA-specific amplification.
24	-	Exchanged	3'-primer exchanged for improved HLA-specific amplification.
31	-	-	Positive control primer pair exchanged.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*15:01 to DRB1*15:184, 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, 2020-April-20, release 3.40.0.

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 many 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*15:06:01-15:06:04, 15:77,15:110, 15:125	9
DRB1*15:16, 15:35	28
DRB1*15:19, 15:155	9
DRB1*15:30, 15:104:01-15:104:03	19
DRB1*15:42, 15:64	27
DRB1*15:75, 15:134N	26

DRB1*15

101.125-24/06 – including *Taq* polymerase

101.125-24u/06u – without *Taq* polymerase

Lot No.: 2L7

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>.

²The following 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.

Alleles

DRB1*15:70, 15:89, 15:91, 15:157-15:158,
16:33, 16:36, 16:58

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:

In primer mix 7, a 3'-primer was modified for improved yield of the DRB1*15:56 allele.