

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

Lot No.: **2F2**

Olerup SSP® DRB1*15

Product number: 101.125-24/06 – including *Taq* pol.
101.125-24u/06u – without *Taq* pol.
Lot number: 2F2
Expiry date: 2019-12-01
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 (0D1):

Well	5'-primer	3'-primer	rationale
1	Modified	-	5'-primer modified for improved HLA-specific amplification.
2	Modified	-	5'-primer modified for improved HLA-specific amplification.
3	Added	-	5'-primer added for the DRB1*15:01:28 allele.
4	Modified	-	5'-primer modified for improved HLA-specific amplification.
5	Modified	-	5'-primer modified for improved HLA-specific amplification.
7	Modified	-	5'-primer modified for improved HLA-specific amplification.
9	Added	-	5'-primer added for the DRB1*15:138N allele.
12	-	Added	3'-primer added for the DRB1*15:123 allele.
15	-	Added	3'-primer added from well 31 for improved HLA-specific amplification.
16	-	Added	3'-primer added for the DRB1*15:129N allele.
17	-	Added	3'-primer added for the DRB1*15:123 allele.
22	Added	-	5'-primer added for the DRB1*15:138N allele.
26	Modified, added	-	5'-primer modified for improved HLA-specific amplification, 5'-primer added for the DRB1*15:134N allele.
29	-	Added	3'-primer added for the DRB1*15:137N allele.
30	-	Added	3'-primer added for the DRB1*15:129N allele.
31	Modified	Moved, modified	3'-primer moved to well 15, primer pair modified improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

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

Lot No.: 2F2

ALLELE COVERAGE:

DRB1*15:01 to DRB1*15:139, i.e. all the currently recognized DRB1*15 alleles, will be amplified by the primers in the DRB1*15 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2016-October-14, release 3.26.0.

The DRB1*15 kit enables separation of the confirmed DRB1*15 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*15 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*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, 15:110	9
DRB1*15:16, 15:35	28
DRB1*15:42, 15:64	27
DRB1*15:75, 15:134N	26

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>.

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:

A 5'-primer in primer mixes 1, 2, 4, 5 and 7 has been modified for improved HLA-specific amplification.