

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

Lot No.: **0D1**

Olerup SSP® DRB1*15

Product number: 101.125-24/06 – including *Taq* pol.
101.125-24u/06u – without *Taq* pol.
Lot number: 0D1
Expiry date: 2018-April-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 (83V):

Well	5'-primer	3'-primer	rationale
9	Added	-	5'-primer added for the DRB1*15:113N allele.
15	-	Added	3'-primer added for the DRB1*15:122 allele.
16	-	Added	3'-primer added for the DRB1*15:102 allele.
18	-	Added	3'-primer added for the DRB1*15:115N allele.
20	-	Added	3'-primer added for the DRB1*15:112 allele.
22	Added	-	5'-primer added for the DRB1*15:93 allele.
25	Added	-	5'-primer added for the DRB1*15:113N allele.
27	Added	-	5'-primer added for the DRB1*15:93 allele.
28	-	Added	3'-primers added for the DRB1*15:118 allele.
29	-	Added	3'-primer added for the DRB1*15:112 allele.
32	-	-	Updated negative control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*15:01 to DRB1*15:124, 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, 2015-August-11, release 3.21.1.

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.

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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

The DRB1*15 subtyping kit cannot distinguish the following silent mutations: the DRB1*15:01:01:01-15:01:26 alleles, the DRB1*15:02:01-15:02:06, DRB1*15:02:08-15:02:09 and 15:02:11-15:02:13 alleles, the DRB1*15:03:01:01-15:03:02 alleles, the DRB1*15:06:01-15:06:03 alleles, the DRB1*15:07:01-15:07:03, the DRB1*15:37:01-15:37:02 alleles or the DRB1*15:66:01-15:66:02 alleles.

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:

No comments received.