

101.115-24/03 – including Taq polymerase
101.115-24u/03u – without Taq polymerase

Lot No.: 38X

Olerup SSP[®] DRB1*11

Product number: 101.115-24/03 – including Taq pol.
 101.115-24u/03u – without Taq pol.

Lot number: 38X

Expiry date: 2017-July-01

Number of tests: 24 tests – Product No. 101.115-24
 3 tests – Product No. 101.115-03

Number of wells per test: 46+1

Changes compared to the previous DRB1*11 Lot (85S):

Well	5'-primer	3'-primer	rationale
3	-	Added	3'-primer added for the DRB1*11:01:19 allele.
9	Moved	Moved	Primer pair moved to well 45 for decreased tendency of primer oligomer formation.
13	Moved	Moved	Primer pair moved to well 46 for decreased tendency of primer oligomer formation.
25	-	-	Exchanged positive control primer pair.
30	-	Added	3'-primer added for the DRB1*11:01:19 allele.
36	-	Added	3'-primer added for the DRB1*11:128 allele.
42	Added	-	5'-primer added for the DRB1*11:104 allele.
44	New	New	New primer pair for the DRB1*11:111 allele.
45	Added	Added	Primer pair added from well 9.
46	Added	Added	Primer pair added from well 13.
47	-	-	Negative Control.

THE NUMBER OF WELLS is increased from 43 to 47.

ALLELE COVERAGE:

DRB1*11:01 to DRB1*11:167, i.e. all the currently recognized DRB1*11 alleles, will be amplified by the primers in the DRB1*11 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2014-July-25, release 3.17.0.

The DRB1*11 kit enables separation of the confirmed DRB1*11 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*11 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*11 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*11:24, 11:91	16
DRB1*11:61, 11:90	12
DRB1*11:99, 11:128	36

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The DRB1*11 subtyping kit cannot distinguish the silent mutations in the DRB1*11:01:01-11:01:11 and 11:01:13-11:01:24, the DRB1*11:02:01-11:02:02, the DRB1*11:04:01-11:04:03 and 11:04:05-11:04:11, the DRB1*11:06:01-11:06:03, the DRB1*11:08:01-11:08:03, the DRB1*11:10:01-11:10:02, the DRB1*11:11:01-11:11:03, the DRB1*11:13:01-11:13:02, the DRB1*11:14:01-11:14:02, the DRB1*11:19:01-11:19:03, the DRB1*11:23:01-11:23:02, the DRB1*11:27:01-11:27:03, the DRB1*11:28:01-11:28:02, the DRB1*11:37:01-11:37:02, the DRB1*11:49:01-11:49:02, the DRB1*11:54:01-11:54:02, the DRB1*11:58:01-11:58:02, the DRB1*11:65:01-11:65:02, the DRB1*11:74:01-11:74:02, the DRB1*11:84:01-11:84:03 or the DRB1*11:102:01-11:102:02 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*11 HOMOZYGOTES:

Good.

INFLUENCE ON THE INTERPRETATION OF DRB1*11 SUBTYPINGS BY NON-DRB1*11 ALLELES:

Most frequently encountered DRB1*03,11; DRB1*11,13 and DRB1*11,14 genotypes give rise to unique amplification patterns except for the DRB1*11:01,14:01 genotype, which gives an identical pattern as the DRB1*11:29,14:01 genotype.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.