

101.115-24/03 – including *Taq* polymerase

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

Lot No.: 6R5

## Olerup SSP<sup>®</sup> DRB1\*11

<b>Product number:</b>	101.115-24/03 – including <i>Taq</i> pol. 101.115-24u/03u – without <i>Taq</i> pol.
<b>Lot number:</b>	6R5
<b>Expiry date:</b>	2027-03-01
<b>Number of tests:</b>	24 tests – Product No. 101.115-24/24u 3 tests – Product No. 101.115-03/03u
<b>Number of wells per test:</b>	47+1

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot (**Lot No. 2N2**).

Well	5'-primer	3'-primer	rationale
22	-	Added	3'-primer added from vial 43.
33	-	Added	3'-primer added from vial 43.
43	Removed, added	Moved, added	5'-primer removed, 3'-primer moved to vials 22 and 33, primer pair added for improved resolution of the *11:03 allele.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

DRB1\*11:01 to DRB1\*11:312, i.e. all the currently recognized DRB1\*11 alleles, will be amplified by the primers in the DRB1\*11 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2023-January-12, release 3.51.0.

The DRB1\*11 kit enables separation of the confirmed DRB1\*11 alleles as listed in the IMGT/HLA database 3.29. 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 many 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*11:24:01-11:24:02, 11:91, 11:302	16
DRB1*11:61, 11:90	12
DRB1*11:97, 11:169N	34
DRB1*11:99, 11:128, 11:175	36
DRB1*11:111, 11:147:01-11:147:02	44

<sup>1</sup>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>.



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<sup>2</sup>The following alleles cannot be separated by this lot of DRB1\*11 primer set. These alleles can be distinguished by the DR low resolution and/or the respective high resolution kits.

**Alleles**

DRB1\*11:67, DRB1\*08:75

DRB1\*11:193:01-11:193:02, DRB1\*08:41

DRB1\*11:209, DRB1\*08:31

DRB1\*11:293, DRB1\*13:217

**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:**

A primer mix has been exchanged, to enable separation of the heterozygous allele combinations DRB1\*11:02,11:04 and DRB1\*11:03, 11:18.



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