

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

Lot No.: **1L6**

Olerup SSP® DRB1*11

Product number: 101.115-24/03 – including *Taq* pol.
101.115-24u/03u – without *Taq* pol.
Lot number: 1L6
Expiry date: 2024-07-01
Number of tests: 24 tests – Product No. 101.115-24/24u
3 tests – Product No. 101.115-03/03u
Number of wells per test: 47+1

Changes compared to the previous DRB1*11 Lot (8H4):

Well	5'-primer	3'-primer	rationale
15	Removed	-	Redundant 5'-primer removed.
30	Exchanged	-	5'-primer exchanged in order to reduce primer oligomer formation.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*11:01 to DRB1*11:268, i.e. all the currently recognized DRB1*11 alleles, will be amplified by the primers in the DRB1*11 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2020-January-20, release 3.39.0.

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	16
DRB1*11:61, 11:90	12
DRB1*11:97, 11:169N	34
DRB1*11:99, 11:128, 11:175	36

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 cannot be separated by this lot of DRB1*11 primer set. These alleles can be distinguished by the DR low resolution and/or the DRB1*08 kits.

Alleles

DRB1*11:67, DRB1*08:75
DRB1*11:193:01-11:193:02, DRB1*08:41
DRB1*11:209, DRB1*08:31



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RESOLUTION IN DRB1*11 HOMOZYGOTES:

This lot of DRB1*11 is unable to distinguish DRB1*11:02,11:04 from DRB1*11:03, 11:18.

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.

Changes in Revision R01 compared to R00:

1. A comment has been added in the section Resolution in DRB1 Homozygotes, describing an existing ambiguity.

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For *In Vitro* Diagnostic Use
MA125 v01 SSP Release Note Template
Date: July 2022, Rev. No: 01