

Olerup SSP® DRB1*16

Product number:	101.126-12 – including <i>Taq</i> polymerase 101.126-12u – without <i>Taq</i> polymerase
Lot number:	2R0
Expiry date:	2026-09-01
Number of tests:	12
Number of wells per test:	15+1

CHANGES COMPARED TO THE PREVIOUS DRB1*16 LOT (7L3):

The primers of the wells detailed below have been exchanged, added or modified compared to the previous lot.

Well	5'-primer	3'-primer	rationale
3	Modified	-	5'-primer modified for improved HLA-specific amplification.
4	Modified	-	5'-primer modified for improved HLA-specific amplification.
6	Modified	-	5'-primer modified for improved HLA-specific amplification.
8	Modified	-	5'-primer modified for improved HLA-specific amplification.
9	Modified	-	5'-primer modified for improved HLA-specific amplification.
13	Modified	-	5'-primer modified for improved HLA-specific amplification.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*16:01 to DRB1*16:73, i.e. all the currently recognized DRB1*16 alleles, will be amplified by the primers in the DRB1*16 subtyping kit¹; www.ebi.ac.uk/imgt/hla, 2022-July-12, release 3.49.0.

The DRB1*16 kit enables separation of the confirmed DRB1*16 alleles as listed in the IMGT/HLA database 3.33.0. 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*16 kit also enables identification of many null and alternatively expressed alleles.

The following DRB1*16 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DRB1*16:03, 16:30	4

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>.



0197

DRB1*16

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RESOLUTION IN DRB1*16 HOMOZYGOTES:

Excellent.

INFLUENCE ON THE INTERPRETATION OF DRB1*16 SUBTYPINGS BY NON-DRB1*16 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.



0197

For *In Vitro* Diagnostic Use

MA125 v01 SSP Release Note Template

Date: September 2022, Rev. No: 00