

101.129-06 – including *Taq* polymerase

101.129-06u – without *Taq* polymerase

Lot No.: **6D8**

Olerup SSP® DRB1*10

Product number: 101.129-06 – including *Taq* polymerase
101.129-06u – without *Taq* polymerase
Lot number: 6D8
Expiry date: 2019-03-01
Number of tests: 6
Number of wells per test: 7+1

CHANGES COMPARED TO THE PREVIOUS DRB1*10 LOT (16Y)

Well	5'-primer	3'-primer	rationale
4	-	Added	3'-primer added for the DRB1*10:11 allele.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*10:01 to DRB1*10:16, i.e. all the currently recognized DRB1*10 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2016-April-15, release 3.24.0¹.

The DRB1*10 kit enables separation of the confirmed DRB1*10 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*10 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*10 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix
DRB1*10:03, 10:11	4
DRB1*10:06, 10:07	7

The DRB1*10 SSP subtyping kit cannot distinguish the silent mutations in the DRB1*10:01:01:01 to DRB1*10:01:09 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*10 HOMOZYGOTES:

Very good.

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INFLUENCE ON THE INTERPRETATION OF DRB1*10 SUBTYPINGS BY NON-DRB1*10 ALLELES:

None.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.