

101.129-06 – including *Taq* polymerase

101.129-06u – without *Taq* polymerase

Lot No.: **58V**

Olerup SSP® DRB1*10

Product number: 101.129-06 – including *Taq* polymerase
101.129-06u – without *Taq* polymerase

Lot number: 58V

Expiry date: 2016-September-01

Number of tests: 6

Number of wells per test: 7+1

CHANGES COMPARED TO THE PREVIOUS DRB1*10 LOT (72R)

Well	5'-primer	3'-primer	rationale
5	-	-	Exchanged positive control primer pair.
6	New	New	New primer pair for the DRB1*10:05 allele.
7	New	New	New primer pairs for the DRB1*10:06 and DRB1*10:07 alleles.
8	New	New	Negative Control.

THE NUMBER OF WELLS is increased from 5 to 8 wells.

ALLELE COVERAGE:

DRB1*10:01 to DRB1*10:07, i.e. all the currently recognized DRB1*10 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2014-January-17, release 3.15.0¹.

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*10:06, 10:07	7

The DRB1*10 SSP subtyping kit cannot distinguish the silent mutations in the DRB1*10:01:01 to DRB1*10:01:04 alleles.

¹ 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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RESOLUTION IN DRB1*10 HOMOZYGOTES:

Very good.

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

None.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.