

101.122-24/06 – including *Taq* polymerase

101.122-24u/06u – without *Taq* polymerase

Lot No.: **6L5**

## Olerup SSP® DRB4

**Product number:** 101.122-24/06 – including *Taq* pol.  
101.122-24u/06u – without *Taq* pol.

**Lot number:** 6L5

**Expiry date:** 2024-10-01

**Number of tests:** 24 tests – Product No. 101.122-24/24u  
6 tests – Product No. 101.122-06/06u

**Number of wells per test:** 31+1

### CHANGES COMPARED TO THE PREVIOUS DRB4 LOT (8K4):

Well	5'-primer	3'-primer	rationale
9	Exchanged	-	5'-primer exchanged for reducing tendency of primer oligomer formation.
30	-	Exchanged	3'-primer and positive control primers pair exchanged for improved HLA-specific amplification.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

DRB4\*01:01:01:01 to DRB4\*03:01N, i.e. all the currently recognized DRB4 alleles, will be amplified by the primers in the DRB4 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2020-July-13, release 3.41.0.

The DRB4 kit enables separation of the confirmed DRB4 alleles as listed in the IMGT/HLA database 3.29.0. 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 DRB4 kit also enables identification of many null and alternatively expressed alleles.

The following DRB4 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DRB4*01:08, 01:39	13	DRB4*01:24, 01:37	23
DRB4*01:15, 01:44	25	DRB4*01:32, 01:43, 01:54N	24
DRB4*01:20, 01:36	21	DRB4*01:33, 01:38N, 01:40	22

<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>.

### RESOLUTION IN DRB4 HOMOZYGOTES:

Good.

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**INFLUENCE ON THE INTERPRETATION OF DRB4 SUBTYPINGS BY NON-DRB4 ALLELES:**

None of importance.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.