

101.118-24 – including *Taq* polymerase

101.118-24u – without *Taq* polymerase

Lot No.: **58X**

## Olerup SSP® DRB1\*07

**Product numbers:** 101.118-24 – including *Taq* polymerase  
101.118-24u – without *Taq* polymerase

**Lot number:** 58X

**Expiry date:** 2017-September-01

**Number of tests:** 24

**Number of wells per test:** 15+1

### CHANGES COMPARED TO THE PREVIOUS DRB1\*07 LOT (02V):

Well	5'-primer	3'-primer	rationale
10	Added	Added	Primer pair added for the DRB1*07:34 allele.
11	Added	Added	Primer pair added for the DRB1*07:34 allele.
16	-	-	Updated negative control.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

DRB1\*07:01 to DRB1\*07:35, i.e. all the currently recognized DRB1\*07 alleles, will be amplified by the primers in the DRB1\*07 subtyping kit; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2015-January-19<sup>1,2</sup>, release 3.19.0.

The DRB1\*07 kit enables separation of the confirmed DRB1\*07 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\*07 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\*07 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix
DRB1*07:14, 07:24	11
DRB1*07:17, 07:27	14

The DRB1\*07 subtyping kit cannot distinguish the silent mutations in the DRB1\*07:01:01:01 to DRB1\*07:01:01:08 alleles.

<sup>1</sup>DRB1 alleles listed on the IMGT/HLA web page 2015-January-19, release 3.19.0.

<sup>2</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>.

101.118-24 – including *Taq* polymerase101.118-24u – without *Taq* polymeraseLot No.: **58X****RESOLUTION IN DRB1\*07 HOMOZYGOTES:**

The DRB1\*07:01,07:01 genotype gives rise to a unique amplification pattern.

**INFLUENCE ON THE INTERPRETATION OF DRB1\*07 SUBTYPINGS BY NON-DRB1\*07 ALLELES:**

None of importance.

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

No suggestions received.