

**101.118-24 – including *Taq* polymerase**

**101.118-24u – without *Taq* polymerase**

**Lot No.: 3G7**

## **Olerup SSP® DRB1\*07**

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

**Lot number:** 3G7

**Expiry date:** 2020-11-01

**Number of tests:** 24

**Number of wells per test:** 21+1

### **CHANGES COMPARED TO THE PREVIOUS DRB1\*07 LOT (3E8):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
16	-	Modified	3'-primer modified for decreased tendency of primer oligomer formation. Exchanged positive control primers.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

DRB1\*07:01 to DRB1\*07:84, 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), 2018-January-19<sup>1,2</sup>, release 3.31.0.

The DRB1\*07 kit enables separation of the confirmed DRB1\*07 alleles as listed in the IMGT/HLA database 3.25.0. 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\*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:

<b>Alleles</b>	<b>Primer mix</b>	<b>Alleles</b>	<b>Primer mix</b>
DRB1*07:06, 07:32	6	DRB1*07:39, 07:68N	20
DRB1*07:14, 07:24	11	DRB1*07:40, 07:56	17
DRB1*07:17, 07:27	14	DRB1*07:44, 07:48	21
DRB1*07:30, 07:42	19		

<sup>1</sup>DRB1 alleles listed on the IMGT/HLA web page 2018-January-19, release 3.31.0.

<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>.

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**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.