

Lot No.: **4F2**

## Olerup SSP<sup>®</sup> HLA-A\*31

**Product number:** 101.430-12 – including *Taq* polymerase  
 101.430-12u – without *Taq* polymerase  
**Lot number:** 4F2  
**Expiry date:** 2020-02-01  
**Number of tests:** 12  
**Number of wells per test:** 39+1

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*31 LOT (1D7):

Well	5'-primer	3'-primer	rationale
32	Added	Added	Negative Control moved to well 40, primer pair added for the A*31:95 allele.
33	New	New	New primer pair added for the A*31:96 allele.
34	New	New	New primer pair added for the A*31:98 allele.
35	New	New	New primer pair added for the A*31:102 allele.
36	New	New	New primer pair added for the A*31:105 allele.
37	New	New	New primer pair added for the A*31:111 allele.
38	New	New	New primer pair added for the A*31:119 allele.
39	New	New	New primer pair added for the A*31:125 allele.
40	-	-	Negative Control Added from well 32.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

A\*31:01 to A\*31:125, i.e. all the currently recognized HLA-A\*31 alleles, will be amplified by the primers in the HLA-A\*31 subtyping kit<sup>1,2</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2017-April-13, release 3.28.0.

The HLA-A\*31 kit enables separation of the confirmed HLA- A\*31 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 HLA-A\*31 kit also enables identification of polymorphisms in exons outside of the region encoding the peptide binding domain and of null and alternatively expressed alleles.

**HLA-A\*31**

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The following HLA-A\*31 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*31:01:02:03N, 31:35	21	A*31:36, 31:48	29
A*31:16, 31:46	16	A*31:44, A*33:15	29
A*31:29, 31:59	25		

<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>.

<sup>2</sup>The A\*31 primer set cannot separate the A\*31:89 from the A\*33:125 allele. These alleles can be distinguished by the HLA-A low resolution and/or HLA-A\*33 kits.

**RESOLUTION IN HLA-A\*31 HOMO- AND HETEROZYGOTES:**

Very good.

**INFLUENCE ON THE INTERPRETATION OF HLA-A\*31 SUBTYPINGS BY NON-HLA-A\*31 ALLELES:**

None frequently occurring.

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

No comments received.