

## Olerup SSP<sup>®</sup> HLA-A\*30

<b>Product number:</b>	101.429-12 – including <i>Taq</i> polymerase 101.429-12u – without <i>Taq</i> polymerase
<b>Lot number:</b>	4L3
<b>Expiry date:</b>	2024-07-01
<b>Number of tests:</b>	12
<b>Number of wells per test:</b>	31+1

### CHANGES COMPARED TO THE PREVIOUS HLA-A\*30 LOT (2K3):

Well	5'-primer	3'-primer	rationale
7	Modified	-	5'-primer modified for reduced tendency of primer oligomer formation.

**THE NUMBER OF WELLS** is unchanged.

#### ALLELE COVERAGE:

All the HLA-A\*30 alleles, i.e. **A\*30:01 to A\*30:169 alleles**, recognized by the HLA Nomenclature Committee in April 2020 will be amplified by the primers in the HLA-A\*30 subtyping kit<sup>1</sup>, [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2020-April-20, release 3.40.0.

The HLA-A\*30 kit enables separation of the confirmed HLA-A\*30 alleles as listed in the IMGT/HLA database 3.26.0. 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 HLA-A\*30 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-A\*30 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
A*30:42, 30:81	26
A*30:56, 30:132N	27

<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 HLA-A\*30 HOMO- AND HETEROZYGOTES:

The A\*30:01,30:01, A\*30:01,30:02 and A\*30:02,30:02 genotypes give rise to unique amplification patterns.

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**INFLUENCE ON THE INTERPRETATION OF HLA-A\*30 SUBTYPINGS BY NON-HLA-A\*30 ALLELES:**

None frequently occurring.

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

No comments received.