

## **Olerup SSP<sup>®</sup> HLA-A\*32**

**Product number:** 101.431-12 – including *Taq* polymerase  
101.431-12u – without *Taq* polymerase  
**Lot number:** 3G4  
**Expiry date:** 2021-02-01  
**Number of tests:** 12  
**Number of wells per test:** 31+1

### **CHANGES COMPARED TO THE PREVIOUS HLA-A\*32 LOT (5E4):**

<b>Well</b>	<b>5'-primer</b>	<b>3'-primer</b>	<b>rationale</b>
2	Modified	Modified	Modified primer pair for improved HLA-specific amplification.
14	-	Modified	3'-primer modified for improved yield of HLA-specific PCR product.
26	-	Exchanged	Exchanged positive control primer pair, exchanged 3'-primer for decreased tendency of primer oligomer formation.
30	Added	Added	Negative control moved to well 32, primer pair added for the A*32:101Q allele.
31	New	New	New primer pair added for the A*32:92N allele.
32	-	-	Negative control added from well 30.

**THE NUMBER OF WELLS** is increased from 30 to 32 wells.

#### **ALLELE COVERAGE:**

A\*32:01 to A\*32:110, i.e. all the currently recognized HLA-A\*32 alleles, will be amplified by the primers in the HLA-A\*32 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-April-16, release 3.32.0.

The HLA-A\*32 kit enables separation of the confirmed HLA- A\*31 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 HLA-A\*32 kit also enables identification of null and alternatively expressed alleles.

The following HLA-A\*32 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Lot No.: **3G4**

Alleles	Primer mix
A*32:10, 32:16	12
A*32:21, 32:44	17
A*32:23, 32:54	20
A*32:28, 32:53, 32:66	23

<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\*32 HOMO- AND HETEROZYGOTES:**

Good.

**INFLUENCE ON THE INTERPRETATION OF HLA-A\*32 SUBTYPINGS BY NON-HLA-A\*32 ALLELES:**

None frequently occurring.

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

In primer 14, a 3'-primer has been modified for increased yield of HLA-specific product.