

Olerup SSP® HLA-A*31

Product number: 101.430-12 – including *Taq* polymerase
 101.430-12u – without *Taq* polymerase

Lot number: 1D7

Expiry date: 2018-May-01

Number of tests: 12

Number of wells per test: 31+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*31 LOT (14X):

Well	5'-primer	3'-primer	rationale
21	Added	-	5'-primer added for the A*31:01:02:03N allele.
24	-	Added	3'-primer added for the A*31:89 allele.
32	-	-	Updated negative control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*31:01 to A*31:98, i.e. all the currently recognized HLA-A*31 alleles, will be amplified by the primers in the HLA-A*31 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2015-August-11, release 3.21.1.

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.

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*31:29, 31:59	25
A*31:16, 31:46	16	A*31:36, 31:48	29

The HLA-A*31 subtyping kit cannot distinguish the silent mutations in the A*31:01:02:01-31:01:02:02 and 31:01:03-31:01:24 alleles.

¹Alleles 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>.

²The A*31:44 and the A*33:15 alleles can be distinguished by the different sizes of the specific PCR products generated by primer mix 29.

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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.