

Lot No.: **92N**

Olerup SSP[®] HLA-A*29

Product number: 101.428-12 – including *Taq* polymerase
101.428-12u – without *Taq* polymerase
Lot number: 92N
Expiry date: 2015-February-01
Number of tests: 12
Number of wells per test: 24

CHANGES COMPARED TO THE PREVIOUS HLA-A*29 LOT (05M):

Well	5'-primer	3'-primer	rationale
16	Modified	-	Increased yield of HLA-specific PCR product.
19	Exchanged	-	Exchanged 5'-primer for decreased tendencies of primer oligomer formation.
24	New	New	New primer pair for the A*29:35 allele.

THE NUMBER OF WELLS has been increased from 23 to 24.

ALLELE COVERAGE:

A*29:01 to A*29:35, i.e. all the currently recognized HLA-A*29 alleles, will be amplified by the primers in the HLA-A*29 subtyping kit; www.ebi.ac.uk/imgt/hla, 2012-April-12, release 3.8.0.

The HLA-A*29 kit enables separation of the confirmed HLA-A*29 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. Current allele confirmation status for HLA-A*29 alleles is listed below.

The HLA-A*29 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 HLA-A*29 subtyping kit cannot distinguish following silent mutations: the A*29:01:01:01 and 29:01:02-29:01:03 alleles and the A*29:02:01:01-29:02:03 and 29:02:05-29:02:11 alleles.

RESOLUTION IN HLA-A*29 HOMO- AND HETEROZYGOTES:

Excellent.

INFLUENCE ON THE INTERPRETATION OF HLA-A*29 SUBTYPINGS BY NON-HLA-A*29 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

Primer mix 16 modified for improved amplification of the HLA-A*29:21 allele.