

101.433-06 – including *Taq* polymerase

101.433-06u – without *Taq* polymerase

Lot No.: **13Y**

Olerup SSP[®] HLA-A*74

Product number: 101.433-06 – including *Taq* polymerase
101.433-06u – without *Taq* polymerase

Lot number: 13Y

Expiry date: 2017-October-01

Number of tests: 6

Number of wells per test: 15+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*74 LOT (77S):

Well	5'-primer	3'-primer	rationale
4	Modified	-	5'-primer modified for increased HLA-specific amplification.
10	Added	Added	Primer pair added for improved allelic resolution of the A*74:17 allele.
11	-	Added	3'-primer added from well 15.
15	Removed, added	Added	5'-primer removed, primer pair added from well 16, primer pair added for the allelic resolution of the A*74:07 allele.
16	Moved	Moved	Primer pair moved to well 15, negative control.

THE NUMBER OF WELLS is unchanged

ALLELE COVERAGE:

All the HLA-A*74 alleles, i.e. **A*74:01 to A*74:23 alleles**, recognized by the HLA Nomenclature Committee in January 2015¹ will be amplified by the primers in the HLA-A*74 subtyping kit.

The HLA-A*74 kit enables separation of the confirmed HLA-A*74 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*74 alleles is listed below.

The HLA-A*74 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*74 subtyping kit cannot distinguish the silent mutations in the A*74:02:01:01-74:02:01:02 alleles and the A*74:16:01-74:16:02 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>.

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RESOLUTION IN HLA-A*74 HOMO- AND HETEROZYGOTES:

The A*74:01,74:01 genotype gives rise to a unique amplification pattern.

INFLUENCE ON THE INTERPRETATION OF HLA-A*74 SUBTYPINGS BY NON-HLA-A*74

ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

In primer mix 4, a 5'-primer was modified for increased HLA-specific amplification.