

HLA-A*01

101.411-24/06 – including *Taq* polymerase

101.411-24/06u – without *Taq* polymerase

Lot No.: 5K8

Olerup SSP® HLA-A*01

Product number:	101.411-24/06 – including <i>Taq</i> pol. 101.411-24u/06u – without <i>Taq</i> pol.
Lot number:	5K8
Expiry date:	2024-05-01
Number of tests:	24 tests – Product No. 101.411-24/24u 6 tests – Product No. 101.411-06/06u
Number of wells per test:	62+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*01 LOT (6H3):

Well	5'-primer	3'-primer	rationale
33	-	Modified	Modified 3'-primer for improved yield.
45	Removed	-	5'-primer removed due to unspecific amplification.
62	Added	Added	Negative control moved to well 63, primer pair added for A*01:52:01N allele.

THE NUMBER OF WELLS is increased from 62 to 63 wells.

ALLELE COVERAGE:

A*01:01 to A*01:331N, i.e. all the currently recognized HLA-A*01 alleles, will be amplified by the primers in the HLA-A*01 SSP kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2019-October-17, release 3.38.0.

The HLA-A*01 kit enables separation of the confirmed HLA-A*01 alleles as listed in the IMGT/HLA database 3.24.0. 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*01 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-A*01 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
A*01:31N, 01:173	25	A*01:53N-01:54	36
A*01:32, 01:104	26	A*01:65, 01:92	37
A*01:47, 01:49	35	A*01:87N, 01:141	27, 42
A*01:48, 01:123N	36	A*01:137, 01:150	10, 35
A*01:50, 01:62	38		

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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²The A*01 primer set cannot separate the following alleles. These alleles can be distinguished by the HLA-A low resolution and/or HLA-A*25 kits.

Alleles

A*01:69:01-01:69:03, 25:59

RESOLUTION IN HLA-A*01 HOMO- AND HETEROZYGOSES:

The A*01:01,01:01, A*01:01,01:02 and A*01:02,01:02 genotypes give rise to unique amplification patterns with regard to other confirmed HLA-A*01 alleles.

INFLUENCE ON THE INTERPRETATION OF HLA-A*01 SUBTYPINGS BY NON-HLA-A*01 ALLELES:

None frequently occurring.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.