

Olerup SSP® HLA-A*25

Product number:	101.423-06 – including <i>Taq</i> polymerase 101.423-06u – without <i>Taq</i> polymerase
Lot number:	8D7
Expiry date:	2019-01-01
Number of tests:	6
Number of wells per test:	15+1

CHANGES COMPARED TO THE PREVIOUS HLA-A*25 LOT (50X):

Well	5'-primer	3'-primer	rationale
1	Added	-	5'-primer added for the A*25:01:09 allele.
8	-	Added	3'-primer added for the A*25:27:01-25:27:02 alleles.
9	-	Removed	3'-primer removed for improved HLA-specific amplification.
10	Added	Added	Primer pair added for the A*25:27:01-25:27:02 alleles.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

A*25:01 to A*25:33, i.e. all the currently recognized HLA-A*25 alleles, will be amplified by the primers in the HLA-A*25 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2016-January-19, release 3.23.0.

The HLA-A*25 kit enables separation of the confirmed HLA-A*25 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*25 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*25 subtyping kit cannot distinguish the following silent mutations: the A*25:01:01 and 25:01:03-25:01:09 or the A*25:27:01-25:27:02 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>.

²The HLA-A*25 primer set cannot separate the A*25:18 and A*32:62 alleles. These alleles can be distinguished by the HLA-A low resolution kit and/or the HLA-A*32 high resolution kit.

RESOLUTION IN HLA-A*25 HOMO- AND HETEROZYGOTES:

Good.

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INFLUENCE ON THE INTERPRETATION OF HLA-A*25 SUBTYPINGS BY NON-HLA-A*25 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No modifications made.