LERUP SSP\*

**Release Note** 

DQB1\*06 101.212-24/04 - including *Taq* polymerase

101.212-24u/04u - without *Taq* polymerase

Lot No.: **0R4** 

## Olerup SSP® DQB1\*06

101.212-24/04 - including *Tag* pol. **Product number:** 

101.212-24u/04u - without *Tag* pol.

Page 1 of 2

Lot number: 0R4

Expiry date: 2026-06-01

Number of tests: 24 tests - Product No. 101.212-24/24u

4 tests - Product No. 101.212-04/04u

Number of wells per test: 63 + 1

## Changes compared to the previous DQB1\*06 Lot (8L7):

Well	5'-primer	3'-primer	rationale
34	Exchanged	-	5'-primer exchanged for improved HLA-specific amplification.
43	Added	-	5'-primer added for the *06:103 allele.

THE NUMBER OF WELLS is unchanged.

## ALLELE COVERAGE:

DQB1\*06:01 to DQB1\*06:429, i.e. all the currently recognized DQB1\*06 alleles, will be amplified by the primers in the DQB1\*06 subtyping kit; www.ebi.ac.uk/imgt/hla, 2022-April-19, release 3.48.0<sup>1,2</sup>.

The DQB1\*06 kit enables separation of the confirmed DQB1\*06 alleles as listed in the IMGT/HLA database 3.25.0. 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 DQB1\*06 kit also enables identification of many null and alternatively expressed alleles.

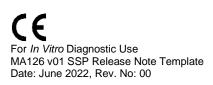
The following DQB1\*06 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DQB1*06:33, 06:114	27	DQB1*06:134, 06:144N	50
DQB1*06:91, 06:128	48	DQB1*06:200, 06:225	53
DQB1*06:97, 06:124	45		

<sup>&</sup>lt;sup>1</sup>Alleles 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.

## **Alleles**

DQB1\*06:415, DQB1\*03:01:38, 03:04:02, 03:10:01, 03:12, 03:14:02, 03:70, 03:195



<sup>&</sup>lt;sup>2</sup>The following alleles cannot be separated by the HLA-DQB1\*06 primer set. These alleles can be distinguished by the DQ low resolution kit and/or the HLA-DQB1\*03 high resolution kit.

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DQB1\*06 Release Note Page 2 of 2

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RESOLUTION IN DQB1\*06 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF DQB1\*06 SUBTYPINGS BY NON-DQB1\*06 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No comments received.