

101.901-24 – including *Taq* polymerase101.901-24u – without *Taq* polymerase

Lot No.: 47X

Olerup SSP[®] DQB1*06:02,DQA1*01:02 - SSP

Product number: 101.901-24 – including *Taq* polymerase
101.901-24u – without *Taq* polymerase

Lot number: 47X

Expiry date: 2017-September-01

Number of tests: 24

Number of wells per test: 7+1

The DQB1*06:02,DQA1*01:02 kit has been redesigned and improved with regards to allelic detection and discrimination and facilitated interpretation. The kit resolution focuses on common and well documented (CWD) alleles¹.

The new lot contains 8 primer mixes for the DQA1, DQB1 and DRB1 alleles and includes a negative control.

CHANGES COMPARED TO THE PREVIOUS DQB1*06:02, DQA1*01:02 Lot (33S):

Well	5'-primer	3'-primer	rationale
1	New	New	New primer pair for separation of the DQA1*01:01 from DQA1*01:02 alleles
2	Changed well position	Changed well position	Primer pair for the DQA1*01:01 and DQA*01:02 alleles, previously well 1.
3	Changed well position	Changed well position	Primer pair for the DQA1*01:02 and DQA*01:03 alleles, previously well 2.
4	-	-	Primer pair for separation of the DQA1*01:02 from DQA1*01:03 alleles
5	Changed well position	Changed well position	Primer pair for the DQB1*06:02 alleles, previously well 8.
6	New	New	Primer pair for improved allelic resolution of the DQA1*06:02 alleles.
7	New	New	New primer pair for the DRB1*15 group of alleles.
8	-	-	Updated negative control.

THE NUMBER OF WELLS has been reduced from 12 to 8 wells.

¹S. J. Mack¹, P. Cano², J. A. Hollenbach¹ et al.
Common and well-documented HLA alleles: 2012 update to the CWD catalogue. *Tissue Antigens*, 2013, 81, 194–203

ALLELE COVERAGE:

DQA1, DQB1 and DRB1 alleles recognized by the HLA Nomenclature Committee in January 2015^{1,2} have been considered in the specificity and interpretation tables of the DQB1*06:02,DQA1*01:02 kit.

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¹DQA1, DQB1 and DRB1 alleles listed on the IMGT/HLA web page 2015-January-19, release 3.19.0, www.ebi.ac.uk/imgt/hla.

²Alleles 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>.

RESOLUTION IN DQB1*06 AND DQA1*01 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF DQB1*06:02, DQA1*01:02 SUBTYPINGS BY OTHER ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No modifications made.