

## Olerup SSP® DQB1\*02

<b>Product number:</b>	<b>101.213-24 – including <i>Taq</i> polymerase</b> <b>101.213-24u – without <i>Taq</i> polymerase</b>
<b>Lot number:</b>	<b>6G3</b>
<b>Expiry date:</b>	<b>2021-02-01</b>
<b>Number of tests:</b>	<b>24</b>
<b>Number of wells per test:</b>	<b>31+1</b>

### CHANGES COMPARED TO THE PREVIOUS DQB1\*02 LOT (8E9):

Well	5'-primer	3'-primer	rationale
5	Added	-	5'-primer added for the DQB1*02:96N allele.
11	Exchanged	Exchanged	5'-primer and 3'-primer exchanged for decreased tendency of primer oligomer formation.
28	Added	-	5'-primer added for the DQB1*02:96N allele.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

DQB1\*02:01 to DQB1\*02:106, i.e. all the currently recognized DQB1\*02 alleles, will be amplified by the primers in the DQB1\*02 subtyping kit<sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2018-April-16, release 3.32.0.

The DQB1\*02 kit enables separation of the confirmed DQB1\*02 alleles as listed in the IMGT/HLA database 3.26.0. 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\*02 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 following DQB1\*02 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DQB1*02:07:01-02:07:02, 02:16	9	DQB1*02:20N, 02:22	16
DQB1*02:09, 02:24	11	DQB1*02:21, 02:35	15
DQB1*02:15, 02:29	18	DQB1*02:27, 02:28	22
DQB1*02:18N, 02:34	14	DQB1*02:41, 02:53Q	23

<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>.

**101.213-24 – including *Taq* polymerase**

**101.213-24u – without *Taq* polymerase**

**Lot No.: 6G3**

**RESOLUTION IN DQB1\*02 HOMO- AND HETEROZYGOTES:**

Very good.

**INFLUENCE ON THE INTERPRETATION OF DQB1\*02 SUBTYPINGS BY NON-DQB1\*02 ALLELES:**

None of importance.

**MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:**

No comments received.