

**Lot No.: 74X**

## **Olerup SSP<sup>®</sup> DQB1 high resolution for frequent alleles**

**Product number:** 101.221-12 – including *Taq* polymerase  
 101.221-12u – without *Taq* polymerase  
**Lot number:** 74X  
**Expiry date:** 2017-July-01  
**Number of tests:** 12 tests  
**Number of wells per test:** 95+ 1

### **CHANGES COMPARED TO THE PREVIOUS DQB1 HIGH RESOLUTION LOT (71V):**

Well	5'-primer	3'-primer	rationale
96	-	-	Updated negative control.

**THE NUMBER OF WELLS** is unchanged.

### **ALLELE COVERAGE:**

All the currently recognized DQB1 alleles give rise to unique amplification patterns; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2013-July-25, release 3.13.1.

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>.

The following DQB1 alleles can be distinguished by the different sizes of the specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
DQB1*02:15, 02:30	67	DQB1*05:13, 05:24	59
DQB1*02:16, 02:20N	64	DQB1*06:35, 06:45	35
DQB1*02:23, 02:28	68	DQB1*06:48, 06:97	62
DQB1*02:29, 02:31	69	DQB1*06:70, 06:76	80
DQB1*03:31, 03:87	35	DQB1*06:73, 06:77N	82
DQB1*03:36, 03:51	51	DQB1*06:74, 06:78	83
DQB1*03:59, 03:71	43	DQB1*06:75N, 06:80	84
DQB1*04:03:01, 04:12	42	DQB1*06:102N, 06:104	90
DQB1*04:05, 04:15	30		

The DQB1 typing kit cannot distinguish the following silent mutations: the DQB1\*02:01:01-02:01:13 alleles, the DQB1\*02:02:01-02:02:02 alleles, the DQB1\*03:01:01:01-03:01:02, 03:01:05-03:01:07, 03:01:09-03:01:12, 03:01:14 and 03:01:16-03:01:20 alleles, the DQB1\*03:01:03, 03:01:13 and 03:01:15 alleles, the DQB1\*03:02:01-03:02:09 alleles, the DQB1\*03:03:02:01-03:03:05 and 03:03:07 alleles, the DQB1\*03:05:01-03:05:04 alleles, the DQB1\*03:17:01-03:17:02 alleles, the DQB1\*04:01:01-04:01:02 and 04:01:04 alleles, the DQB1\*04:02:01-04:02:04 alleles, the DQB1\*05:01:01:01-05:01:08 alleles, the DQB1\*05:02:01 and 05:02:03-05:02:07 alleles, the DQB1\*05:03:01:01-05:03:10 alleles, the DQB1\*05:05:01-05:05:02 alleles, the DQB1\*06:01:01, 06:01:03-06:01:06 and 06:01:08-06:01:09 alleles, the DQB1\*06:01:02 and 06:01:07 alleles, the DQB1\*06:02:01, 06:02:03, 06:02:06 and 06:02:08-06:02:10 alleles, the DQB1\*06:03:01, 06:03:03, 06:03:05-06:03:07 alleles, the DQB1\*06:03:04 and 06:03:08-06:03:09 alleles, the DQB1\*06:04:01, 06:04:03-

Lot No.: **74X**

06:04:07 and 06:04:03, the DQB1\*06:14:01-06:14:02 alleles and the DQB1\*06:15:01-06:15:02 alleles.

**RESOLUTION IN DQB1 HOMOZYGOTES AND HETEROZYGOTES:**

Very good.

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

No suggestions received.