

101.211-24 – including *Taq* polymerase

101.211-24u – without *Taq* polymerase

Lot No.: **59X**

Olerup SSP® DQB1*05

Product number: 101.211-24 – including *Taq* polymerase
 101.211-24u – without *Taq* polymerase

Lot number: 59X

Expiry date: 2017-July-01

Number of tests: 24

Number of wells per test: 23+1

CHANGES COMPARED TO THE PREVIOUS DQB1*05 LOT (37V):

Well	5'-primer	3'-primer	rationale
7	Moved	Moved	Primer pair moved to well 11 for decreased tendency of primer oligomer formation.
11	Added	-	5'-primer added from well 7.
15	-	Modified	Modified 3'-primer for improved HLA-specific amplification.
23	-	Modified	Modified 3'-primer for improved HLA-specific amplification.
24	-	-	Updated negative control.

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DQB1*05:01 to DQB1*05:47, i.e. all the currently recognized DQB1*05 alleles, give rise to unique amplification patterns; www.ebi.ac.uk/imgt/hla, 2013-October-11¹, release 3.14.0.

The DQB1*05 subtyping kit cannot distinguish the silent mutations in the DQB1*05:01:01:01-05:01:08, the DQB1*05:02:01 and 05:02:03-05:02:07 alleles, the DQB1*05:03:01:01-05:03:10 alleles or the DQB1*05:05:01-05:05:02.

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>.

The following DQB1*05 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix
DQB1*05:27, 05:29	8

RESOLUTION IN DQB1*05 HOMO- AND HETEROZYGOTES:

Very good.

INFLUENCE ON THE INTERPRETATION OF DQB1*05 SUBTYPINGS BY NON-DQB1*05 ALLELES:

None.

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MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.