

101.612-12 – including *Taq* polymerase

101.612-12u – without *Taq* polymerase

Lot No.: **4K9**

## Olerup SSP® HLA-C\*04

**Product number:** 101.612-12 – including *Taq* polymerase  
101.612-12u – without *Taq* polymerase

**Lot number:** 4K9

**Expiry date:** 2023-11-01

**Number of tests:** 12

**Number of wells per test:** 63+1

### CHANGES COMPARED TO THE PREVIOUS HLA-C\*04 LOT (7H3):

The HLA-C\*04 primer set is unchanged compared to the previous *Olerup SSP*® HLA-C\*04 lot.

**THE NUMBER OF WELLS** is unchanged.

### ALLELE COVERAGE:

C\*04:01 to C\*04:398, i.e. all the currently recognized HLA-C\*04 alleles, will be amplified by the primers in the HLA-C\*04 kit <sup>1</sup>; [www.ebi.ac.uk/imgt/hla](http://www.ebi.ac.uk/imgt/hla), 2019-07-10, release 3.37.0.

The HLA-C\*04 kit enables separation of the confirmed HLA-C\*04 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 HLA-C\*04 kit also enables identification of many null and alternatively expressed alleles.

The following HLA-C\*04 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

Alleles	Primer mix	Alleles	Primer mix
C*04:05, 04:112	6	C*04:61, 04:96	34
C*04:20, 04:238	19	C*04:62, 04:76	35
C*04:23, 04:38, 04:39	21	C*04:65, 04:72	33
C*04:25, 04:41	23	C*04:67, 04:93N, 04:187	46
C*04:44, 04:47	20	C*04:79, 04:113	39
C*04:46, 04:50	27	C*04:81, 04:88N	43
C*04:54:01, 04:105N, 04:313:01:01-04:313:01:02	41	C*04:114, 04:146	47
C*04:56, 04:64:01-04:64:02	40	C*04:139, 04:226	22
C*04:59Q, 04:78	32	C*04:150, 04:155	52

<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>.

### RESOLUTION IN HLA-C\*04 HOMO- AND HETEROZYGOTES:

Good.

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**INFLUENCE ON THE INTERPRETATION OF HLA-C\*04 SUBTYPINGS BY NON-HLA-C\*04 ALLELES:**

None frequently occurring.

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

No comments received.