

101.120-06 – including *Taq* polymerase

101.120-06u – without *Taq* polymerase

Lot No.: **1D2**

Olerup SSP® DRB1*09

| | |
|----------------------------------|---|
| Product number: | 101.120-06 – including <i>Taq</i> polymerase |
| | 101.120-06u – without <i>Taq</i> polymerase |
| Lot number: | 1D2 |
| Expiry date: | 2018-June-01 |
| Number of tests: | 6 |
| Number of wells per test: | 11+1 |

Changes compared to the previous DRB1*09 Lot (22X):

| Well | 5'-primer | 3'-primer | rationale |
|------|-----------|-----------|---------------------------|
| 12 | - | - | Updated negative control. |

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

DRB1*09:01 to DRB1*09:26, i.e. all the currently recognized DRB1*09 alleles, will be amplified by the primers in the DRB1*09 subtyping kit^{1,2}; www.ebi.ac.uk/imgt/hla, 2015-August-11, release 3.21.1.

The DRB1*09 kit enables separation of the confirmed DRB1*09 alleles as listed in the IMGT/HLA database. 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 DRB1*09 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 DRB1*09 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

| Alleles | Primer mix |
|--|------------|
| DRB1*09:03, 09:09, 09:13, 09:15, 09:17-09:18 | 4 |

The DRB1*09 SSP subtyping kit cannot separate the silent mutations DRB1*09:01:02-DRB1*09:01:11 or the DRB1*09:02:01-DRB1*09:02:02 alleles.

¹DRB alleles listed on the IMGT/HLA web page 2015-August-11, release 3.21.1, 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 DRB1*09 HOMOZYGOTES:

Very good.

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INFLUENCE ON THE INTERPRETATION OF DRB1*09 SUBTYPINGS BY NON-DRB1*09 ALLELES:

None of importance.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS:

No suggestions received.