■LERUP SSP HLA-B*35 Release Note 101.522-24/03 – including *Taq* polymerase 101.522-24u/03u – without *Taq* polymerase Lot No.: 6N1

Olerup SSP® HLA-B*35

| Product number: | 101.522-24/03 – including <i>Taq</i> pol. | |
|---------------------------|---|--|
| | 101.522-24u/03u – without <i>Tag</i> pol. | |
| Lot number: | 6N1 | |
| Expiry date: | 2025-11-01 | |
| Number of tests: | 24 tests – Product No. 101.522-24/24u | |
| | 3 tests – Product No. 101.522-03/03u | |
| Number of wells per test: | 95+1 | |

Changes compared to the previous HLA-B*35 Lot (1L4):

| Well | 5'-primer | 3'-primer | rationale |
|------|-----------|-----------|---|
| 93 | Modified | - | 5'-primer modified for improved yield of HLA- |
| | | | specific PCR product. |

THE NUMBER OF WELLS is unchanged.

ALLELE COVERAGE:

All the HLA-B*35 alleles, i.e. **B*35:01 to B*35:529**, recognized by the HLA Nomenclature Committee in July 2021^{1,2} will be amplified by the primers in the HLA-B*35 subtyping kit.

The HLA-B*35 kit enables separation of the confirmed HLA-B*35 alleles as listed in the IMGT/HLA database 3.24.0. 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-B*35 kit also enables identification of many null and alternatively expressed alleles.

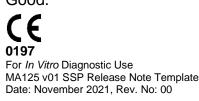
The following HLA-B*35 alleles can be distinguished by the different sizes of the HLA-specific PCR product:

| Alleles | Primer mix |
|--------------------|------------|
| B*35:122, 35:123 | 61 |
| B*35:130N, 35:134N | 64 |
| B*35:132, 35:144 | 62 |
| B*35:219, 35:293 | 81 |
| B*35:236, 35:381N | 89 |

¹HLA-B alleles listed on the IMGT/HLA web page 2021-July-12, release 3.45.0, <u>www.ebi.ac.uk/imgt/hla</u>.

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 HLA-B*35 HOMO- AND HETEROZYGOTES: Good.



INFLUENCE ON THE INTERPRETATION OF HLA-B*35 SUBTYPINGS BY NON-HLA-B*35 ALLELES:

The interpretation of HLA-B*35 subtypings is influenced by many other HLA-B alleles.

MODIFICATIONS MADE DUE TO COMMENTS FROM CUSTOMERS: None.

CE 0197 For *In Vitro* Diagnostic Use MA125 v01 SSP Release Note Template Date: November 2021, Rev. No: 00