CERTIFICATE OF ANALYSIS

Olerup SSP® HLA-A*33 SSP

Product number: **101.432-12u – without *Taq* polymerase**
Lot number: **81K**
Expiry date: **2013-May-01**
Number of tests: **12**
Number of wells per test: **24**

Well specifications:

Well No.	Production No.	Well No.	Production No.	Well No.	Production No.
1	2009-640-01	9	2009-640-09	17	2010-804-17
2	2009-640-02	10	2009-640-10	18	2010-804-18
3	2009-640-03	11	2009-640-11	19	2010-804-19
4	2009-640-04	12	2009-640-12	20	2010-804-20
5	2009-640-05	13	2009-640-13	21	2010-804-21
6	2009-640-06	14	2009-640-14	22	2010-804-22
7	2010-804-07	15	2009-640-15	23	2010-804-23
8	2009-640-08	16	2009-640-16	24	2010-804-24

The specificity of each primer solution of the kit has been tested against 48 well characterized IHWC cell line DNAs.

No DNAs carrying the alleles to be amplified by primer solutions 5, 7 to 13, 15, 16 and 18 to 24 were available. The specificities of the primers in primer solutions 5, 8 to 13, 19, 23 and 24 were tested by separately adding one additional 5'-primer, respectively one additional 3'-primer. In primer solutions 16 and 22 it was only possible to test the 5'-primers, the 3'-primers were not possible to test. In primer solution 7, 15, 18, 20 and 21 it was only possible to test the 3'-primers, the 5'-primers were not possible to test. Additional primers in primer solutions 6,14 and 17 were tested by separately adding one additional 5'-primer and/or one additional 3'-primer. In primer solutions 13 and 17, one 5'-primer was not possible to test, and in primer solutions 6, 8, 9, 11, 13 and 14 one 3'-primer was not possible to test.

Results: No false positive or false negative amplifications were obtained.

Date of approval: 2010-December-10

Approved by:

Quality Control, Supervisor

Declaration of Conformity

Product name: *Olerup* SSP® HLA-A*33
Product number: 101.432-12u
Lot number: 81K

Intended use: HLA-A*33 high resolution histocompatibility testing

Manufacturer: *Olerup* SSP AB
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We, *Olerup* SSP AB, hereby declare that this product, to which this Declaration of Conformity relates is in conformity with the following Standard(s) and other normative document(s) ISO 9001:2008 and ISO 13485:2003, following the provisions of the 98/79/EC Directive on *in vitro* diagnostic medical devices, Annex II List B, conformity assessed using Annex IV, as transposed into the national laws of the Member States of the European Union.

The Technical Documentation File is maintained at *Olerup* SSP AB, Hasselstigen 1, SE-133 33 Saltsjöbaden, Sweden.

The Authorized Representative located within the Community is: *Olerup* SSP AB.

Notified Body: Lloyd's Register Quality Assurance Limited, Hiramford, Middlemarch Office Village, Siskin Drive, Coventry CV3 4FJ, United Kingdom. (Notified Body number: 0088.)

Saltsjöbaden, Sweden
2010-December-10

Olle Olerup