CERTIFICATE OF ANALYSIS

Olerup SSP® HLA-A*24 SSP

Product number: 101.422-24u/03u – without *Taq* pol.
Lot number: 63K
Expiry date: 2013-May-01
Number of tests: 24 tests – Product No. 101.422-24u
3 tests – Product No. 101.422-03u
Number of wells per test: 93

Well specifications:

Well No.	Production No.	Well No.	Production No.	Well No.	Production No.
1	2008-465-01	33	2010-785-33	65	2009-621-65
2	2008-465-02	34	2008-465-34	66	2008-465-66
3	2008-465-03	35	2010-785-35	67	2008-465-67
4	2008-465-04	36	2010-785-36	68	2010-785-68
5	2008-465-05	37	2008-465-37	69	2008-465-69
6	2008-465-06	38	2010-785-38	70	2010-785-70
7	2008-465-07	39	2008-465-39	71	2010-785-71
8	2010-785-08	40	2008-465-40	72	2008-465-72
9	2008-465-09	41	2010-785-41	73	2010-785-73
10	2010-785-10	42	2008-465-42	74	2008-465-74
11	2008-465-11	43	2008-465-43	75	2008-465-75
12	2008-465-12	44	2008-465-44	76	2009-621-76
13	2008-465-13	45	2010-785-45	77	2010-785-77
14	2008-465-14	46	2008-465-46	78	2009-621-78
15	2010-785-15	47	2010-785-47	79	2010-785-79
16	2008-465-16	48	2009-621-48	80	2010-785-80
17	2008-465-17	49	2009-621-49	81	2010-785-81
18	2008-465-18	50	2008-465-50	82	2010-785-82
19	2008-465-19	51	2010-785-51	83	2010-785-83
20	2008-465-20	52	2009-621-52	84	2010-785-84
21	2008-465-21	53	2008-465-53	85	2010-785-85
22	2008-465-22	54	2010-785-54	86	2010-785-86
23	2008-465-23	55	2008-465-55	87	2010-785-87
24	2008-465-24	56	2008-465-56	88	2010-785-88
25	2008-465-25	57	2008-465-57	89	2010-785-89
26	2009-621-26	58	2009-621-58	90	2010-785-90
27	2008-465-27	59	2010-785-59	91	2010-785-91
28	2008-465-28	60	2008-465-60	92	2010-785-92
29	2008-465-29	61	2010-785-61	93	2010-785-93
30	2010-785-30	62	2008-465-62		
31	2010-785-31	63	2008-465-63		
32	2008-465-32	64	2010-785-64		

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

No DNAs carrying the alleles to be amplified by primer solutions 8, 11, 14, 21, 22, 26 to 29, 31, 33 to 36, 38 to 43, 45, 47, 49 to 53, 55 to 72, 74 to 77, 79 to 86, 88, 90, 92 and 93 were available. The specificities of the primers in primer solutions 8, 11, 26, 27, 29, 36, 39, 41, 42, 45, 47, 51, 53, 56 to 59, 63, 64, 68, 71, 76, 77, 79, 80, 82, 84, 85, 88 and 93 were tested by separately adding one or two additional 5'-primers, respectively one or two additional 3'-primers.
In primer solutions 14, 21, 28, 33, 34, 40, 43, 49, 50, 55, 60, 61, 66, 67, 69, 74, 75, 81, 83 and 90 it was only possible to test the 5'primer, the 3'-primers were not possible to test.
In primer solutions 22, 35, 52, 62, 65, 70, 72, 86 and 92 it was only possible to test the 3'-primers, the 5'-primers were not possible to test.
In primer solution 10, 36, 38, 41, 45, 47, 51, 64, 71, 76, 79, 80, 85 and 88 one or two 5'-primers were not possible to test, and in primer solutions 4, 11, 13, 15, 23, 37, 59, 68, 76, 77, 82, 84 and 87 one or two 3'-primers were not possible to test.
Additional primers in primer solutions 4, 15, 25, 30 and 89 were tested by separately adding additional 5'-primers or 3'-primers.

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

Date of approval: 2012-January-24

Approved by:

Isa Olausson

Production Quality Control

Declaration of Conformity

Product name: *Olerup* SSP® HLA-A*24
Product number: 101.422-24u/03u
Lot number: 63K

Intended use: HLA-A*24 high resolution histocompatibility testing

Manufacturer: *Olerup* SSP AB
Franzengatan 5
SE-112 51 Stockholm, Sweden
Phone: +46-8-717 88 27
Fax: +46-8-717 88 18

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, Franzengatan 5, SE-112 51 Stockholm, Sweden.

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

Stockholm, Sweden
2012-January-24

Ann-Cathrin Jareman
Head of QA and Regulatory Affairs