



MICRO SSP™ PRODUCT REFERENCE TABLES

IVD Micro SSP™ HLA DNA Typing Trays For In Vitro Diagnostic Use.

Important Note: For Micro SSP™ Allele Specific Trays with an R in the Catalog ID, please refer to **Reference Table 2** of this document for reagent volumes. These reagent volumes (genomic DNA and Taq Polymerase) are determined by the volume of the D-Mix aliquot provided.

REF

Reference Table 1

Alleles	Catalog IDs			Reagent Volumes (µl)			Trays with an R in the Catalog ID*		
	Licensed	Non-Licensed	Package Size (# tests per kit)	D-mix Volume (µl) per test	DNA Volume (µl) per Test	Taq Polymerase Volume (µl) per Test	Licensed	Non-Licensed	Package Size (# tests per kit)
A*01/36	N/A	SSP1-01	24	180	19	1	N/A	SSPR1-01	8
A*03	N/A	SSP1-03	16	270	29	1.5	N/A	SSPR1-03	8
B*51,52,78	N/A	SSP1-05	8	540	59	3	N/A	SSPR1-05	4
B*07	N/A	SSP1-07	12	360	39	2	N/A	SSPR1-07	8
B*08	N/A	SSP1-08	16	270	29	1.5	N/A	SSPR1-08	8
A9	N/A	SSP1-9	12	360	39	2	N/A	N/A	N/A
A*11	N/A	SSP1-11	16	270	29	1.5	N/A	SSPR1-11	8
B*13	N/A	SSP1-13	24	180	19	1	N/A	SSPR1-13	8
B*14	N/A	SSP1-14	24	180	19	1	N/A	SSPR1-14	8
B*15	N/A	SSP1-15	8	540	59	3	N/A	SSPR1-15	4
B*38/39	N/A	SSP1-16	12	360	39	2	N/A	SSPR1-16	8
B*57/58	N/A	SSP1-17	16	270	29	1.5	N/A	N/A	N/A
B*18	N/A	SSP1-18	16	270	29	1.5	N/A	SSPR1-18	8
B*49/50	N/A	SSP1-21	24	180	19	1	N/A	SSPR1-21	8
B*54-56	N/A	SSP1-22	16	270	29	1.5	N/A	SSPR1-22	8
A*23	N/A	SSP1-23	16	270	29	1.5	N/A	SSPR1-23	8
A*24	N/A	SSP1-24	8	540	59	3	N/A	SSPR1-24	4
A*25,34,66	N/A	SSP1-25	16	270	29	1.5	N/A	SSPR1-25	8
A*26	N/A	SSP1-26	16	270	29	1.5	N/A	SSPR1-26	8
B*27	N/A	SSP1-27	12	360	39	2	N/A	SSPR1-27	8
A*29	N/A	SSP1-29	24	180	19	1	N/A	SSPR1-29	8
A*30	N/A	SSP1-30	24	180	19	1	N/A	SSPR1-30	8
A*31	N/A	SSP1-31	24	180	19	1	N/A	SSPR1-31	8
A*32	N/A	SSP1-32	24	180	19	1	N/A	SSPR1-32	8
A*33	N/A	SSP1-33	24	180	19	1	N/A	SSPR1-33	8
B*35	N/A	SSP1-35	8	540	59	3	N/A	SSPR1-35	4
B*37	N/A	SSP1-37	24	180	19	1	N/A	SSPR1-37	8
B*40	N/A	SSP1-40	12	360	39	2	N/A	SSPR1-40	8
B*41	N/A	SSP1-41	24	180	19	1	N/A	SSPR1-41	8
B*42	N/A	SSP1-42	24	180	19	1	N/A	SSPR1-42	8
B*44	N/A	SSP1-44	16	270	29	1.5	N/A	SSPR1-44	8

*Check for product availability.

Reference Table 1

Alleles	Catalog IDs			Reagent Volumes (µl)			Trays with an R in the Catalog ID*		
	Licensed	Non-Licensed	Package Size (# tests per kit)	D-mix Volume (µl) per test	DNA Volume (µl) per Test	Taq Polymerase Volume (µl) per Test	Licensed	Non-Licensed	Package Size (# tests per kit)
B*45	N/A	SSP1-45	24	180	19	1	N/A	SSPR1-45	8
B*46,67,81,82	N/A	SSP1-46	24	180	19	1	N/A	SSPR1-46	8
B*47	N/A	SSP1-47	24	180	19	1	N/A	SSPR1-47	8
B*48	N/A	SSP1-48	24	180	19	1	N/A	SSPR1-48	8
B*53	N/A	SSP1-53	24	180	19	1	N/A	SSPR1-53	8
B*57	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SSPR1-57	8
B*58	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SSPR1-58	8
A*68	N/A	SSP1-68	16	270	29	1.5	N/A	SSPR1-68	8
A*74	N/A	SSP1-74	24	180	19	1	N/A	SSPR1-74	8
Class I: A, B Locus	N/A	SSP1AB	10	1000	111	5.6	N/A	N/A	N/A
Class I: A Locus	N/A	SSP1A	12	360	39	2	N/A	N/A	N/A
A*02	N/A	SSP1A2	8	540	59	3	N/A	SSPR1-02	4
Class I: B Locus	N/A	SSP1B	8	540	59	3	N/A	N/A	N/A
Class I: C Locus	N/A	SSP1C	16	270	29	1.5	N/A	N/A	N/A
Cw*01	N/A	SSP1-C01	24	180	19	1	N/A	SSPR1-C01	8
Cw*02	N/A	SSP1-C02	24	180	19	1	N/A	SSPR1-C02	8
Cw*03	N/A	SSP1-C03	16	270	29	1.5	N/A	SSPR1-C03	8
Cw*04	N/A	SSP1-C04	24	180	19	1	N/A	SSPR1-C04	8
Cw*05	N/A	SSP1-C05	24	180	19	1	N/A	SSPR1-C05	8
Cw*06	N/A	SSP1-C06	24	180	19	1	N/A	SSPR1-C06	8
Cw*07	N/A	SSP1-C07	16	270	29	1.5	N/A	SSPR1-C07	8
Cw*08	N/A	SSP1-C08	24	180	19	1	N/A	SSPR1-C08	8
Cw*12	N/A	SSP1-C12	16	270	29	1.5	N/A	SSPR1-C12	8
Cw*14	N/A	SSP1-C14	24	180	19	1	N/A	SSPR1-C14	8
Cw*15	N/A	SSP1-C15	24	180	19	1	N/A	SSPR1-C15	8
Cw*16,17,18	N/A	SSP1-C16	24	180	19	1	N/A	SSPR1-C16	8
Class I: A,B,C Locus	N/A	SSP1L	10	1000	111	5.6	N/A	N/A	N/A
B-Locus	N/A	SSP1-LTS1	8	540	59	3	N/A	N/A	N/A
Class I Null Alleles	N/A	SSP1-NL	24	180	19	1	N/A	N/A	N/A
DRB1*01	LSSP2101	SSP2-101	24	180	19	1	N/A	SSPR2-101	8
DRB1*03	LSSP2103	SSP2-103	16	270	29	1.5	N/A	SSPR2-103	8
DRB1*04	LSSP2104	SSP2-104	12	360	39	2	N/A	SSPR2-104	8
DRB1*07,09,10	LSSP2107	SSP2-107	24	180	19	1	N/A	SSPR2-107	8
DRB1*08	LSSP2108	SSP2-108	12	360	39	2	N/A	SSPR2-108	8
DRB1*11	LSSP2111	SSP2-111	12	360	39	2	N/A	SSPR2-111	8
DRB1*12	LSSP2112	SSP2-112	24	180	19	1	N/A	SSPR2-112	8

*Check for product availability.

Reference Table 1

Alleles	Catalog IDs			Reagent Volumes (µl)			Trays with an R in the Catalog ID*		
	Licensed	Non-Licensed	Package Size (# tests per kit)	D-mix Volume (µl) per test	DNA Volume (µl) per Test	Taq Polymerase Volume (µl) per Test	Licensed	Non-Licensed	Package Size (# tests per kit)
DRB1*13	LSSP2113	SSP2-113	12	360	39	2	N/A	SSPR2-113	8
DRB1*14	LSSP2114	SSP2-114	12	360	39	2	N/A	SSPR2-114	8
DRB1*15	LSSP2115	SSP2-115	24	180	19	1	N/A	SSPR2-115	8
DRB1*16	LSSP2116	SSP2-116	24	180	19	1	N/A	SSPR2-116	8
DRB3	LSSP23	SSP2-3	16	270	29	1.5	N/A	SSPR2-3	8
DRB4	LSSP24	SSP2-4	24	180	19	1	N/A	SSPR2-4	8
DRB5	LSSP25	SSP2-5	24	180	19	1	N/A	SSPR2-5	8
Class II: High Resolution	LSSP2H	SSP2H	10	1000	111	5.6	N/A	N/A	N/A
DPA1/DPB1: High Resolution	LSSP2HDP	SSP2HDP	4	1000	111	5.6	N/A	N/A	N/A
DQA1: High Resolution	LSSP2HQA1	SSP2HQA1	8	360	39	2	N/A	N/A	N/A
Class II: Generic	LSSP2L	SSP2L	30	360	39	2	N/A	N/A	N/A
Class II: DRB only	LSSP2LB	SSP2LB	40	270	29	1.5	N/A	N/A	N/A
DQB1: Generic	LSSP2LQB1	SSP2LQB1	24	180	19	1	N/A	N/A	N/A
Class II Null Alleles	LSSP2NL	SSP2-NL	24	180	19	1	N/A	N/A	N/A
DQB1	LSSP2Q1	SSP2-Q1	12	360	39	2	N/A	SSPR2-Q1	8
Class I & Class II	LSSPABDR	SSPABDR	10	1000	111	5.6	N/A	N/A	N/A
Class I & Class II	N/A	SSPABDRX	40	1000	111	5.6	N/A	N/A	N/A
A,B,DR,DQ	LSSPML02	SSPML02	10	1000	111	5.6	N/A	N/A	N/A
B5	N/A	SSPSB5	24	180	19	1	N/A	N/A	N/A
B40	N/A	SSPSB40	48	180	19	1	N/A	N/A	N/A
A*01/36	N/A	SSP1U01	6	180	19	1	N/A	N/A	N/A
A*02	N/A	SSP1U02	2	540	59	3	N/A	N/A	N/A
A*03	N/A	SSP1U03	4	270	29	1.5	N/A	N/A	N/A
B*51,52,78	N/A	SSP1U05	2	540	59	3	N/A	N/A	N/A
B*07	N/A	SSP1U07	3	360	39	2	N/A	N/A	N/A
B*08	N/A	SSP1U08	4	270	29	1.5	N/A	N/A	N/A
A9	N/A	SSP1U9	3	360	39	2	N/A	N/A	N/A
A*11	N/A	SSP1U11	4	270	29	1.5	N/A	N/A	N/A
B*13	N/A	SSP1U13	6	180	19	1	N/A	N/A	N/A
B*14	N/A	SSP1U14	6	180	19	1	N/A	N/A	N/A
B*15	N/A	SSP1U15	2	540	59	3	N/A	N/A	N/A
B*38/39	N/A	SSP1U16	3	360	39	2	N/A	N/A	N/A
B*57/58	N/A	SSP1U17	4	270	29	1.5	N/A	N/A	N/A
B*18	N/A	SSP1U18	4	270	29	1.5	N/A	N/A	N/A
B*49/50	N/A	SSP1U21	6	180	19	1	N/A	N/A	N/A
B*54-56	N/A	SSP1U22	4	270	29	1.5	N/A	N/A	N/A

*Check for product availability.

Reference Table 1

Alleles	Catalog IDs			Reagent Volumes (µl)			Trays with an R in the Catalog ID*		
	Licensed	Non-Licensed	Package Size (# tests per kit)	D-mix Volume (µl) per test	DNA Volume (µl) per Test	Taq Polymerase Volume (µl) per Test	Licensed	Non-Licensed	Package Size (# tests per kit)
A*23	N/A	SSP1U23	4	270	29	1.5	N/A	N/A	N/A
A*24	N/A	SSP1U24	2	540	59	3	N/A	N/A	N/A
A*25,34,66	N/A	SSP1U25	4	270	29	1.5	N/A	N/A	N/A
A*26	N/A	SSP1U26	4	270	29	1.5	N/A	N/A	N/A
B*27	N/A	SSP1U27	3	360	39	2	N/A	N/A	N/A
A*29	N/A	SSP1U29	6	180	19	1	N/A	N/A	N/A
A*30	N/A	SSP1U30	6	180	19	1	N/A	N/A	N/A
A*31	N/A	SSP1U31	6	180	19	1	N/A	N/A	N/A
A*32	N/A	SSP1U32	6	180	19	1	N/A	N/A	N/A
A*33	N/A	SSP1U33	6	180	19	1	N/A	N/A	N/A
B*35	N/A	SSP1U35	2	540	59	3	N/A	N/A	N/A
B*37	N/A	SSP1U37	6	180	19	1	N/A	N/A	N/A
B*40	N/A	SSP1U40	3	360	39	2	N/A	N/A	N/A
B*41	N/A	SSP1U41	6	180	19	1	N/A	N/A	N/A
B*42	N/A	SSP1U42	6	180	19	1	N/A	N/A	N/A
B*44	N/A	SSP1U44	4	270	29	1.5	N/A	N/A	N/A
B*45	N/A	SSP1U45	6	180	19	1	N/A	N/A	N/A
B*46,67,81,82	N/A	SSP1U46	6	180	19	1	N/A	N/A	N/A
B*47	N/A	SSP1U47	6	180	19	1	N/A	N/A	N/A
B*48	N/A	SSP1U48	6	180	19	1	N/A	N/A	N/A
B*53	N/A	SSP1U53	6	180	19	1	N/A	N/A	N/A
A*68	N/A	SSP1U68	4	270	29	1.5	N/A	N/A	N/A
A*74	N/A	SSP1U74	6	180	19	1	N/A	N/A	N/A
Cw*01	N/A	SSP1UC01	6	180	19	1	N/A	N/A	N/A
Cw*02	N/A	SSP1UC02	6	180	19	1	N/A	N/A	N/A
Cw*03	N/A	SSP1UC03	4	270	29	1.5	N/A	N/A	N/A
Cw*04	N/A	SSP1UC04	6	180	19	1	N/A	N/A	N/A
Cw*05	N/A	SSP1UC05	6	180	19	1	N/A	N/A	N/A
Cw*06	N/A	SSP1UC06	6	180	19	1	N/A	N/A	N/A
Cw*07	N/A	SSP1UC07	4	270	29	1.5	N/A	N/A	N/A
Cw*08	N/A	SSP1UC08	6	180	19	1	N/A	N/A	N/A
Cw*12	N/A	SSP1UC12	4	270	29	1.5	N/A	N/A	N/A
Cw*14	N/A	SSP1UC14	6	180	19	1	N/A	N/A	N/A
Cw*15	N/A	SSP1UC15	6	180	19	1	N/A	N/A	N/A
Cw*16,17,18	N/A	SSP1UC16	6	180	19	1	N/A	N/A	N/A
Class I Null Alleles	N/A	SSP1UNL	6	180	19	1	N/A	N/A	N/A
DRB1*01	N/A	SSP2U101	6	180	19	1	N/A	N/A	N/A
DRB1*03	N/A	SSP2U103	4	270	29	1.5	N/A	N/A	N/A
DRB1*04	N/A	SSP2U104	3	360	39	2	N/A	N/A	N/A
DRB1*07,09,10	N/A	SSP2U107	6	180	19	1	N/A	N/A	N/A
DRB1*08	N/A	SSP2U108	3	360	39	2	N/A	N/A	N/A
DRB1*11	N/A	SSP2U111	3	360	39	2	N/A	N/A	N/A
DRB1*12	N/A	SSP2U112	6	180	19	1	N/A	N/A	N/A

*Check for product availability.

Reference Table 1

Alleles	Catalog IDs			Reagent Volumes (µl)			Trays with an R in the Catalog ID*		
	Licensed	Non-Licensed	Package Size (# tests per kit)	D-mix Volume (µl) per test	DNA Volume (µl) per Test	Taq Polymerase Volume (µl) per Test	Licensed	Non-Licensed	Package Size (# tests per kit)
DRB1*13	N/A	SSP2U113	3	360	39	2	N/A	N/A	N/A
DRB1*14	N/A	SSP2U114	3	360	39	2	N/A	N/A	N/A
DRB1*15	N/A	SSP2U115	6	180	19	1	N/A	N/A	N/A
DRB1*16	N/A	SSP2U116	6	180	19	1	N/A	N/A	N/A
DRB3	N/A	SSP2U3	4	270	29	1.5	N/A	N/A	N/A
DRB4	N/A	SSP2U4	6	180	19	1	N/A	N/A	N/A
DRB5	N/A	SSP2U5	6	180	19	1	N/A	N/A	N/A
Class II Null Alleles	N/A	SSP2UNL	6	180	19	1	N/A	N/A	N/A
DQB1	N/A	SSP2UQ1	3	360	39	2	N/A	N/A	N/A

*Check for product availability.

Reference Table 2

# of Rows Per Test	# of PCR Reactions Per Test	D-Mix Volume (µl) per Test (provided)	DNA Volume (µl) per Test	Taq Polymerase Volume (µl) per Test
1-2	1-16 reactions	180	19	1
3	17-24 reactions	270	29	1.5
4	25-32 reactions	360	39	2
5	33-40 reactions	450	49	2.5
6	41-48 reactions	540	59	3
7-8	49-64 reactions	720	79	4
9	65-72 reactions	810	89	4.5
10-12	73-96 reactions	1000	111	5.6

REVISION HISTORY (Highlighted text above indicates a change.)

Revision	Date	Revision Description
27	2010/04	Added list of new Trays (SSPR1-01, SSPR1-02, SSPR1-03,SSPR1-07,SSPR1-15, SSPR1-27,SSPR1-35,, SSPR2-101, SSPR2-103, SSPR2-104, SSPR2-107, SSPR2-108, SSPR2-111, SSPR2-112, SSPR2-113, SSPR2-115, SSPR2-116, SSPR1U01, SSPR1U02, SSPR1U03, SSPR1U07, SSPR1U15, SSPR1U27, SSPR1U35, SSPR2U101, SSPR2U103, SSPR2U104, SSPR2U107, SSPR2U108, SSPR2U111, SSPR2U112, SSPR2U113, SSPRU2115, and SSPR2U116) to Table 1 with R in the catalog ID in progress for new product release in 2010 which are not in the current revision. Added footnote (Check for Product Availability) to bottom of each page.
28	2010/09	Reference Table 1 was updated with the final complete listing of new and upcoming converted SSP "R" trays. Deleted outdated rev history information (rev's 15 – 26) from the revision history section.
29	2011/04	Reference Table 1: Removed licensed products affected by partial expiration of One Lambda's PCR licensing agreement with Roche Molecular Systems, Inc. & F. Hoffmann-LaRoche Ltd, and removed all discontinued Micro SSP Singles reformatted tray.

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