Olerup SSP® Master mix with Taq polymerase

Product number:	**101.803/804/805-01**
Lot number:	**QW7**
Volume:	**Product No. 101.803-01 – 312 µl** **Product No. 101.804-01 – 750 µl** **Product No. 101.805-01 – 1125 µl**
Expiry date:	**2029-07-01**
Storage:	**between -15°C and -25°C**

DESCRIPTION

101.803-01: 1 vial containing 312 µl.
101.804-01: 1 vial containing 750 µl.
101.805-01: 1 vial containing 1125 µl.

PRODUCT USE

The Master mix with Taq polymerase is only intended for use with the *Olerup* SSP® Typing Kits.

At room temperature, Master Mix and dH_2O are combined with the DNA sample to be analyzed, mixed and aliquoted in the wells of the *Olerup* SSP® Kit. For a detailed description see the Instructions for Use (www.caredx.com).
See Table 1 for below for appropriate amounts.

Table 1: Volumes of the components needed per test for different numbers of wells when using Master Mix including *Taq* polymerase.

No. of wells per test	Volume of Master Mix (µl)	Volume of DNA sample (µl)	Volume of dH_2O (µl)
2	12	8	20
3	15	10	25
4	18	12	30
5	21	14	35
6	24	16	40
7	27	18	45
8	30	20	50
9	33	22	55
10	36	24	60
11	39	26	65
12	42	28	70
13	45	30	75
14	48	32	80
15	51	34	85
16	54	36	90
17	60	40	100
18	63	42	105
19	66	44	110
20	69	46	115
21	72	48	120
22	75	50	125
23	78	52	130
24	81	54	135

No. of wells per test	Volume of Master Mix (µl)	Volume of DNA sample (µl)	Volume of dH_2O (µl)
25	87	58	145
26	90	60	150
27	93	62	155
28	96	64	160
29	99	66	165
30	102	68	170
31	105	70	175
32	108	72	180
36	126	84	210
40	138	92	230
44	150	100	250
48	162	108	270
52	174	116	290
56	186	124	310
60	198	132	330
64	210	140	350
68	228	152	380
72	240	160	400
76	252	168	420
80	264	176	440
84	276	184	460
88	288	192	480
92	300	200	500
96	312	208	520

The recommended volumes listed above include volume to compensate for pipette variations and for losses of liquid on the interior walls of the tubes.

SHIPPING The Master Mix with Taq polymerase is shipped at ambient temperature.

STABILITY The Master Mix with Taq polymerase is stable for 51 months when stored at -15°C to -25°C.

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