

HAPRP

LCI edited 15/08/06

***Template is purified DNA.**

	[End] in 20 µl / tube	1	5	10	15	20	25	30	35	40	45	50
Template DNA	-	0.5	x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	10	50	100	150	200	250	300	350	400	450	500
Ha1 (10 µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
Ha2 (10 µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
H ₂ O	-	8	40	80	120	160	200	240	280	320	360	400
Total (µl/tube)		20	100	200	300	400	500	600	700	800	900	1000

	[End] in 20 µl / tube	55	60	65	70	75	80	85	90	95	100
Template DNA		x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	550	600	650	700	750	800	850	900	950	1000
Ha1 (10 µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
Ha2 (10 µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
H ₂ O	-	440	480	520	560	600	640	680	720	760	800
Total (µl/tube)		1100	1200	1300	1400	1500	1600	1700	1800	1900	2000

PCR program:

94°C	2 min	1x
94°C	30sec	35x
50°C	30sec	
72°C	45sec	
72°C	5 min	1x
8°C	unlimited	1x

2% gel

HaPrp band is 530bp.

Use for line HaPrp (Schwarz)

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***Template DNA is straight from the lysis samples.**

	[End] in 20 µl / tube	1	5	10	15	20	25	30	35	40	45	50
Template DNA	-	2	x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	10	50	100	150	200	250	300	350	400	450	500
Ha1 (10 µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
Ha2 (10 µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
H ₂ O	-	6.5	32.5	65	97.5	130	162.5	195	227.5	260	292.5	325
Total (µl/tube)		20	100	200	300	400	500	600	700	800	900	1000

	[End] in 20 µl / tube	55	60	65	70	75	80	85	90	95	100
Template DNA		x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	550	600	650	700	750	800	850	900	950	1000
Ha1 (10 µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
Ha2 (10 µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
H ₂ O	-	357.5	390	422.5	455	487.5	520	552.5	585	617.5	650
Total (µl/tube)		1100	1200	1300	1400	1500	1600	1700	1800	1900	2000

PCR program:

94°C	2 min	1x
94°C	30sec	35x
50°C	30sec	
72°C	45sec	
72°C	5 min	1x
8°C	unlimited	1x

2% gel

HaPrp band is 530bp.

Use for line HaPrp (Schwarz)