

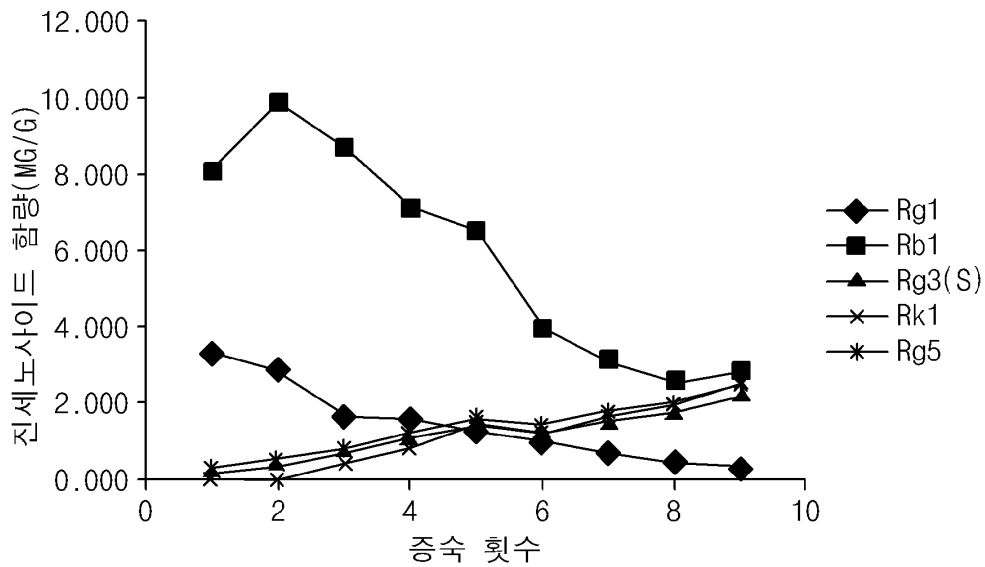
Figure 1 is a line graph showing the concentration of five heavy metals (Rg1, Rb1, Rg3(S), Rk1, Rg5) in mg/g versus the number of extraction cycles (증숙 횟수). The Y-axis ranges from 0.000 to 12.000 mg/g. The X-axis ranges from 0 to 10 cycles. Rb1 (squares) shows the highest concentration, peaking at approximately 10,800 mg/g at cycle 7. Rg1 (diamonds) is around 2,000 mg/g. Rg3(S) (triangles), Rk1 (crosses), and Rg5 (asterisks) are all below 1,000 mg/g.

증숙 횟수	Rg1 (mg/g)	Rb1 (mg/g)	Rg3(S) (mg/g)	Rk1 (mg/g)	Rg5 (mg/g)
1	2300	6800	100	100	400
2	2000	8500	100	100	400
3	2300	9000	100	100	400
4	2200	9500	100	100	400
5	2300	9700	100	100	400
6	1800	8000	100	100	400
7	2800	10800	100	100	500
8	1900	8700	100	100	500
9	2200	9100	100	100	500

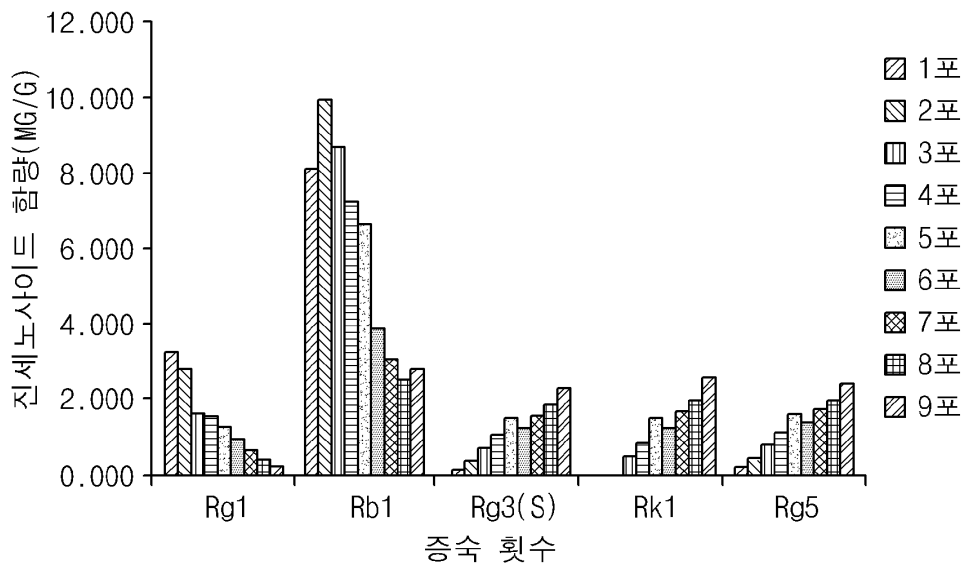
증숙 횟수	1포	2포	3포	4포	5포	6포	7포	8포	9포
Rg1	2.2	2.1	2.3	2.3	2.3	1.8	2.7	1.9	2.2
Rb1	6.8	8.5	9.0	9.5	9.6	8.0	10.7	8.6	9.0
Rg3(S)	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.4
Rk1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rg5	0.2	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5

[도1b]

증숙시간별 진세노사이드 변화량(2H)

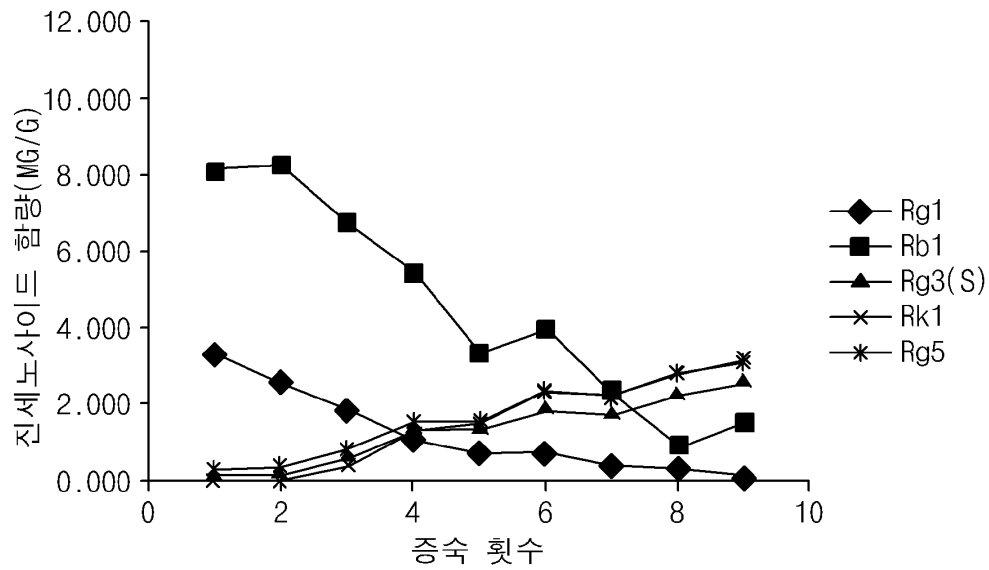


증숙시간별 진세노사이드 변화량(2H)

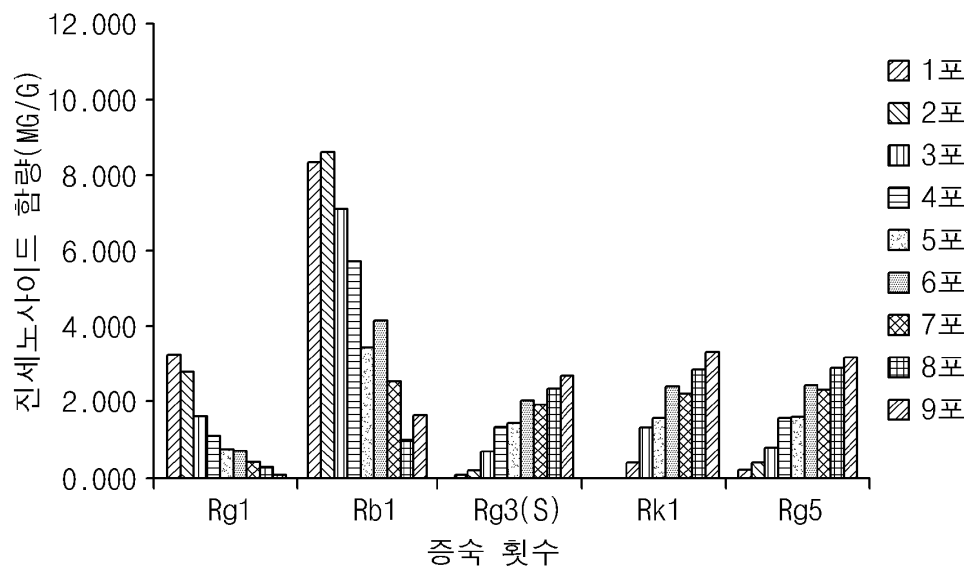


[도1c]

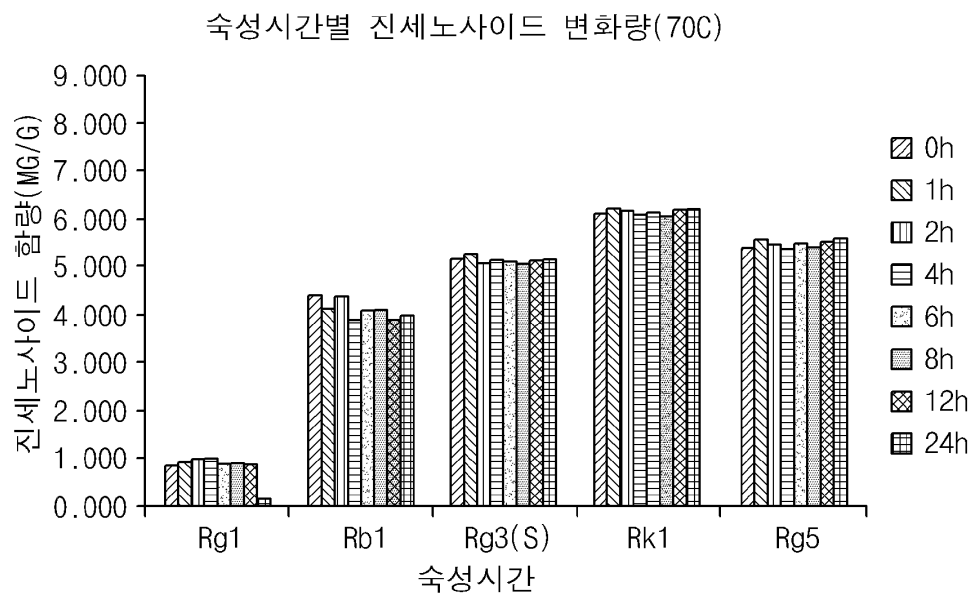
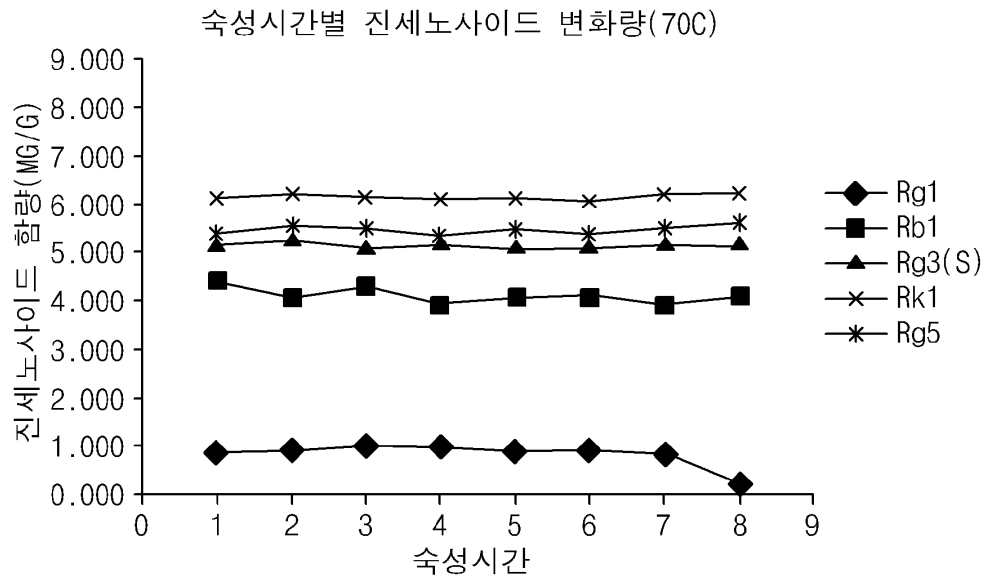
증숙시간별 진세노사이드 변화량(3H)



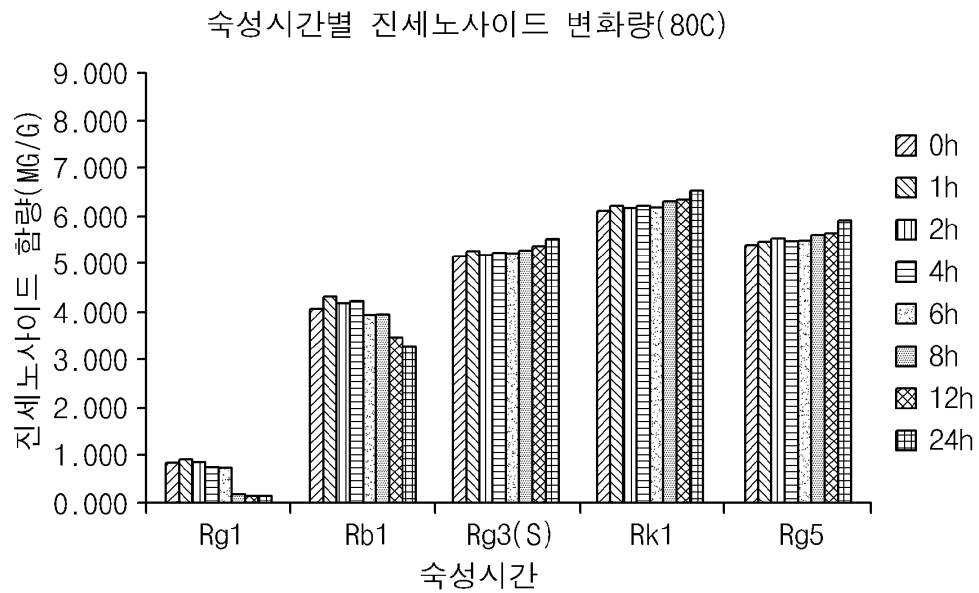
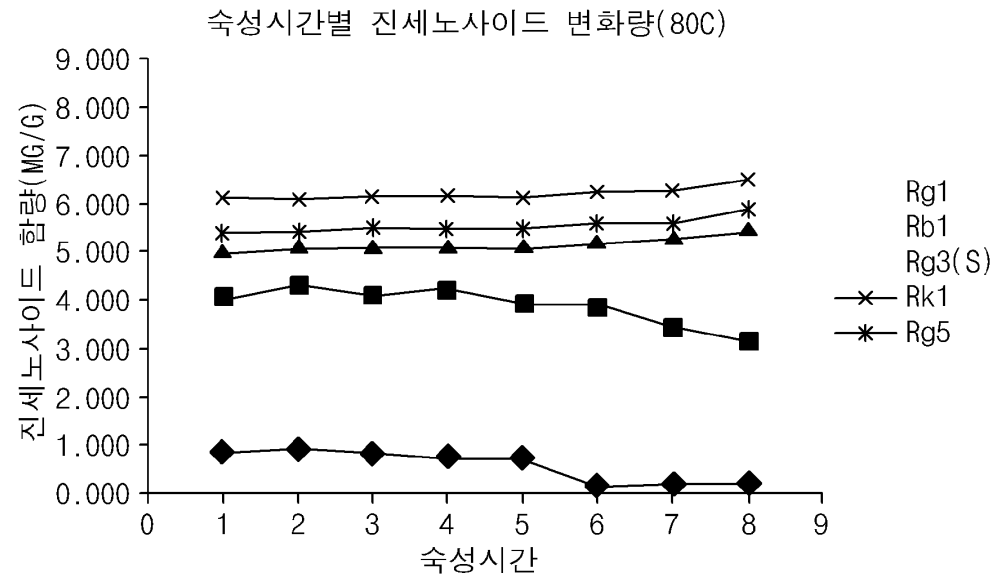
증숙시간별 진세노사이드 변화량(3H)



[도2a]

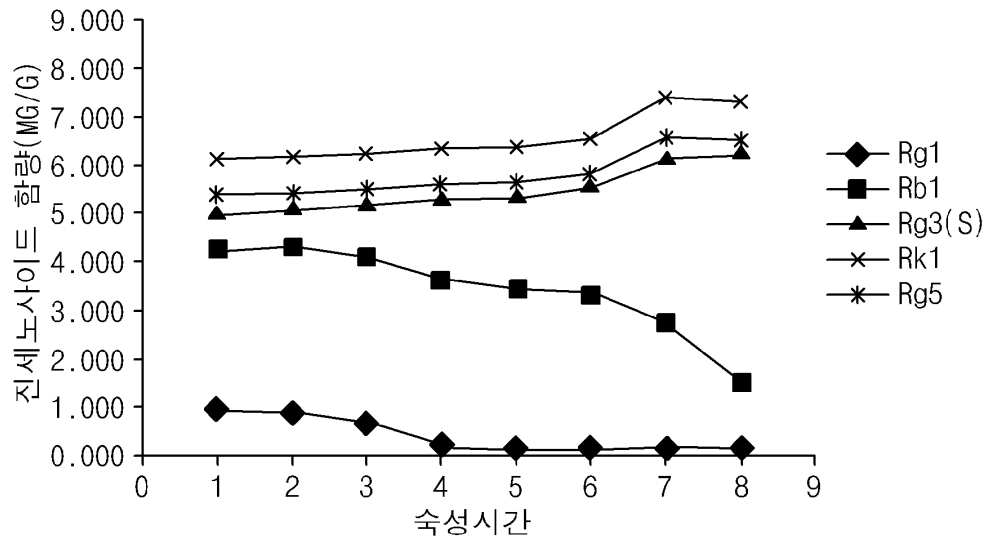


[도2b]

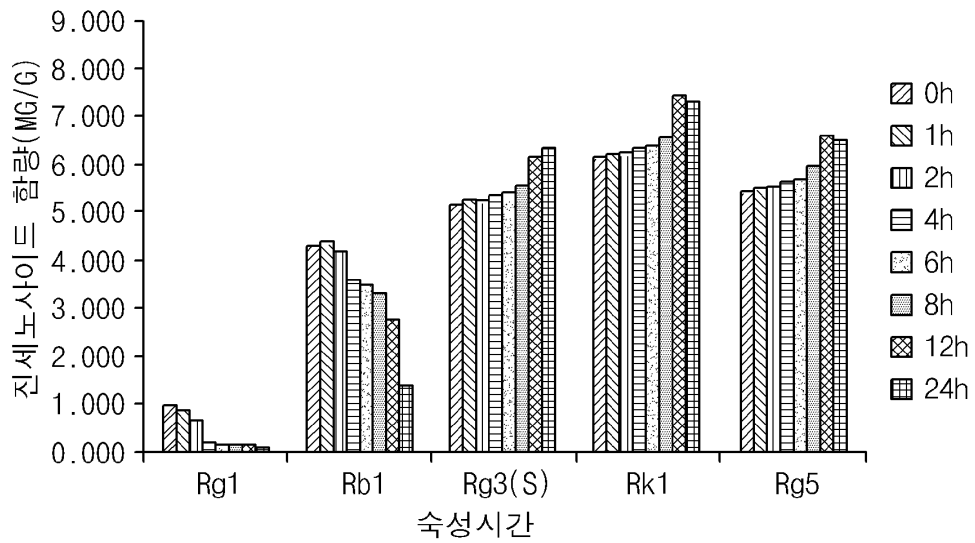


[도2c]

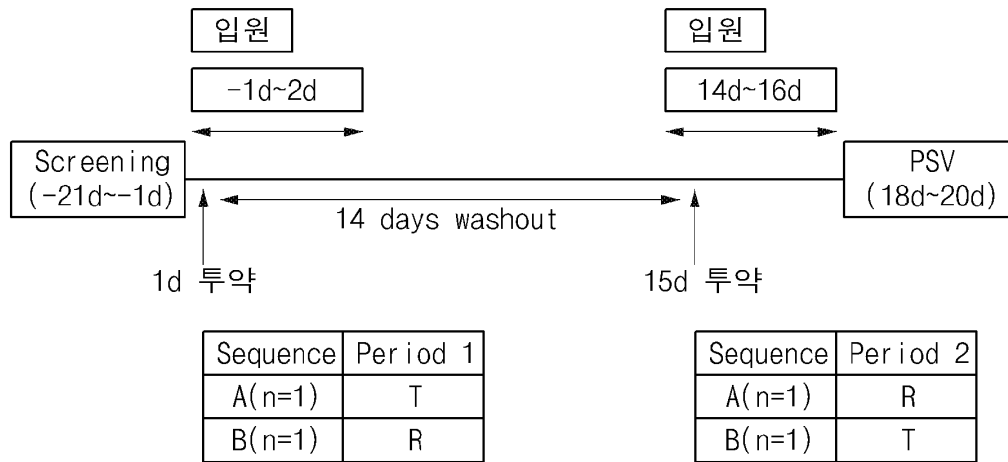
숙성시간별 진세노사이드 변화량(90C)



숙성시간별 진세노사이드 변화량(90C)



[도3]



Test (T): 흑삼 농축액 9g

Reference (R): 홍삼 농축액 9g