

It All Starts with RNA

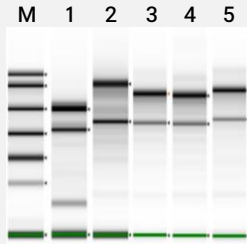
easy-spin™ Total RNA Extraction Kit



Cat No	17221
Volume	50 col.
Type	Solution + Column
RIN value	8.0 이상



High Quality of RNA (RIN Value)



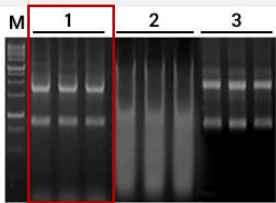
Sample	A260/230	A260/280	RIN
Lane 1 : E.Coli	2.2	2.0	8.8
Lane 2 : K562 Cell	2.2	2.0	8.0
Lane 3 : Mouse_Kidney	2.1	2.0	8.2
Lane 4 : Mouse_Brain	2.2	2.1	9.3
Lane 5 : Mouse_Spleen	2.2	2.0	8.3

💡 A260/230 및 A260/280 ratio 모두 적정 범위 (2.0-2.2)

💡 모든 시료의 RNA Integrity Number (RIN) 값은 8.0 이상



High RNA Yield



No.	RNA conc (ng/μl)	Yield (μg)	A260/280
1	840	42.34	2.04
2	660	33.66	1.77
3	395	25.34	1.84

M : marker, lane1 : easy-spin, lane2 : Solution type, lane3 : Column type

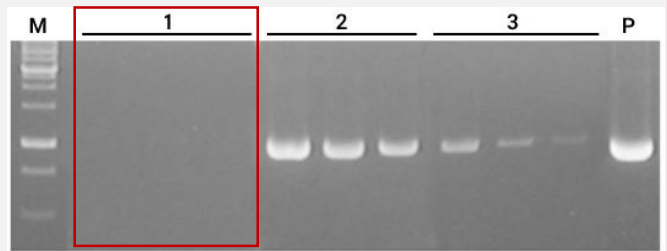
💡 타사 Column Type 및 Solution Type 제품 사용 비교

💡 SNU-1 Cell로부터 Total RNA 분리, 정제 시 **easy-spin**의

우수한 RNA 추출 성능 확인 (높은 Yield 값)



No gDNA Contamination



M : marker, lane1 : easy-spin, lane2 : Solution type, lane3 : Solution type
lane P : control template gDNA

💡 타사 Column Type 및 Solution Type 제품으로 추출한 Total RNA 비교

💡 IL-10 primer 활용 PCR 증폭 결과, 타사 제품은 gDNA 오염

확인, **easy-spin**은 gDNA 오염 음성



Citations

No	논문 명	Journal	연도
1	Transcriptomic insights into the anti-inflammatory mechanisms of <i>Protaetia brevitarsis seoulensis</i> larvae in IL-1 β -driven chondrosarcoma cells	Biomedicine & Pharmacotherapy Volume 183	2025
2	Gintonin exerts effects via LPAR1/3 and the MEK signaling pathway	International Journal of Biological Macromolecules Volume 326	2025
3	Genetic Signatures of Competitive Performance in Burmese Gamecocks: A Transcriptomic Analysis	Biology Volume 14	2025

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