

Biozen Oligo column

bioZen
the bio series

Oligonucleotide Analysis

- BioTi™ 하드웨어로 샘플 손실 및 흡착 감소
- 코어-셸 구조로 높은 효율 제공
- 높은 pH 및 온도에서의 견고성



Biozen Oligo LC Column Brochure

Biozen™ Oligo 핵심 특징

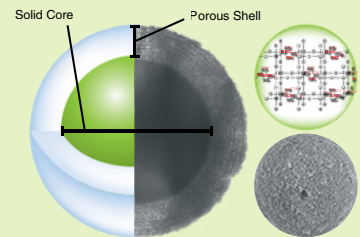
생체적합성 BioTi Titanium 하드웨어



Core shell



높은 pH 및 온도에 대한 저항성

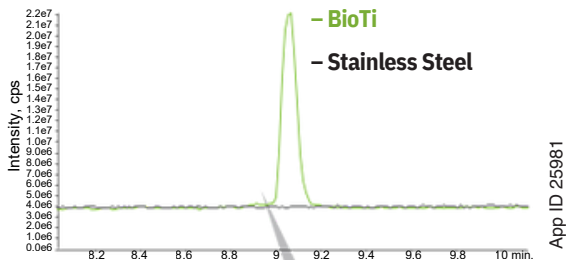


특허받은 유기-실리카 접목 공정

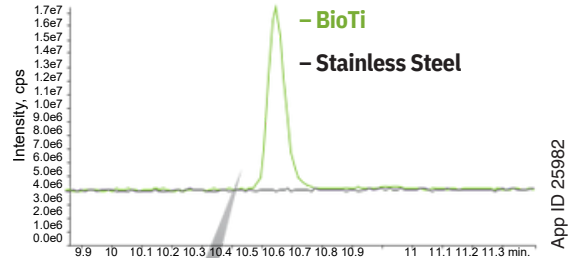
BioTi versus Traditional Stainless Steel Hardware

Biozen™ Titanium BioTi Hardware

BNA, 12.5 ng

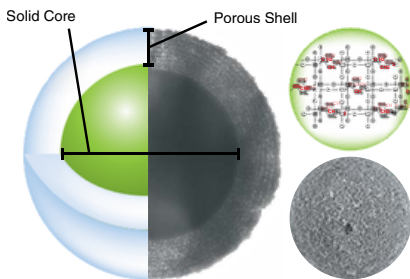


5amC12, 12.5 ng

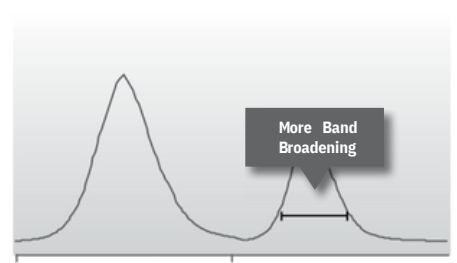
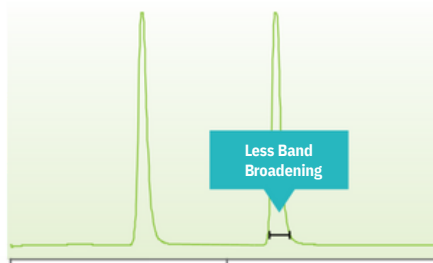


스테인리스 스틸 컬럼에서는 낮은 질량 부하(12.5 ng)에서 올리고가 전량 흡착된 결과 관찰

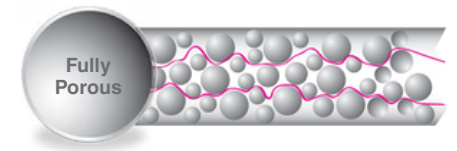
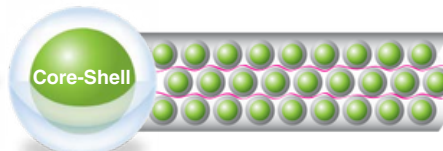
Patented Core-Shell Particle Chemistry



Better Performance than Fully Porous Particles



bioZen Oligo는 올리고뉴클레오타이드의 역상 분석에 필수적인 높은 pH와 온도에 대한 저항성을 제공하기 위해 균일한 안정화 에틸렌 가교 결합을 통한 특허받은 유기실리카 접목 공정을 사용합니다.



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phenomenex

Biozen Oligo column

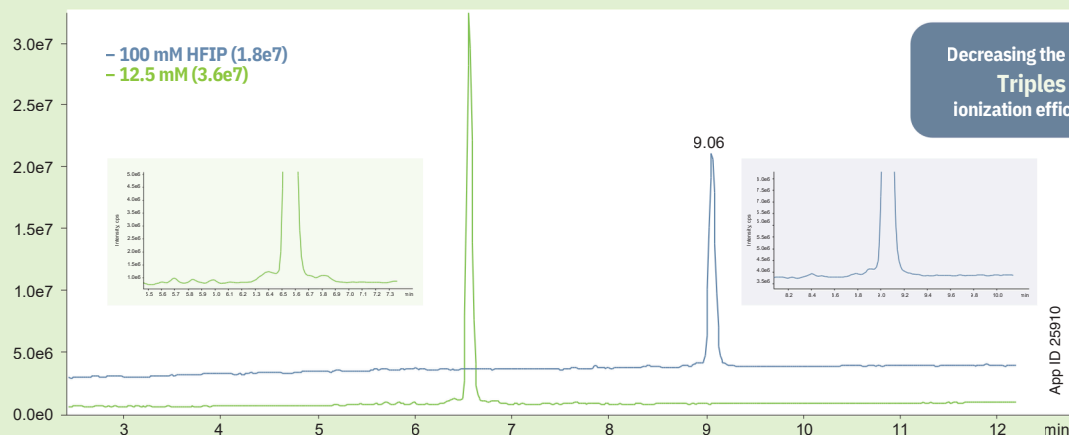
Recommended Use : Analytical characterization of oligonucleotide



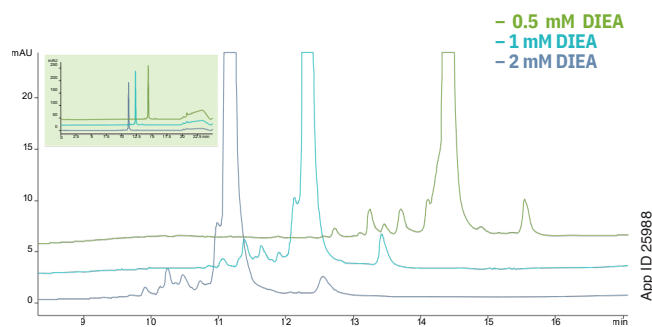
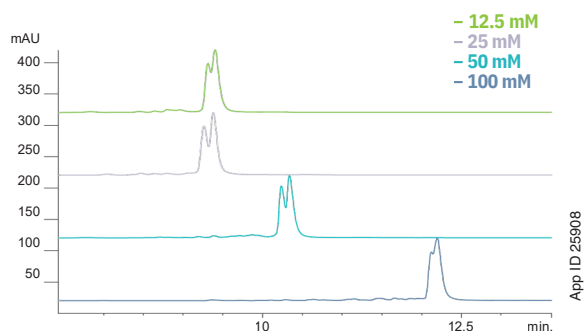
Mobile Phase Optimization for Oligonucleotide with bioZen Oligo

Effect of HFIP on Ionization Efficiency

Mobile Phase Optimization for Oligonucleotide with bioZen Oligo

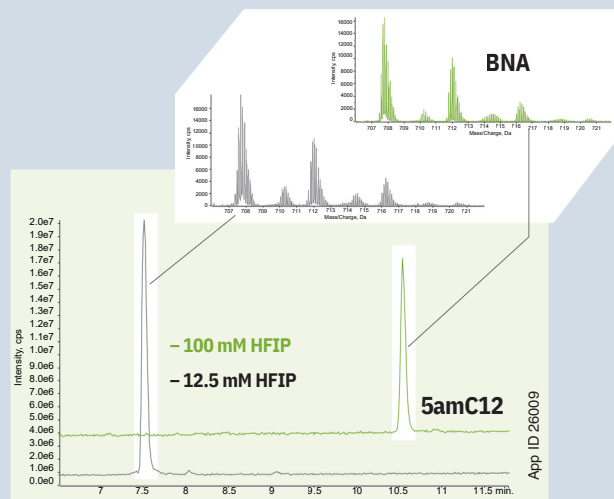
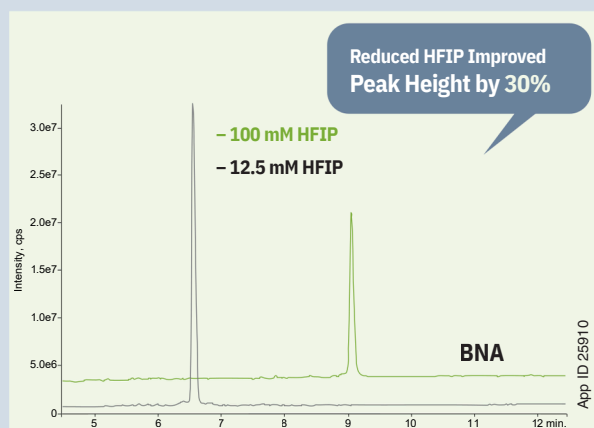


Effect of HFIP Concentration on siRNA



Improved separation of sense/antisense of an siRNA when decreasing HFIP concentration

Effect of HFIP on Oligo Peak Shape and Recovery



Ordering information

bioZen Columns (mm)	50 x 2.1	100 x 2.1	150 x 2.1	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	for 2.1 mm	for 4.6 mm	Holder
								3/pk	3/pk	ea
bioZen 2.6 μ m Oligo	00B-4790-AN	00D-4790-AN	00F-4790-AN	00B-4790-E0	00D-4790-E0	00F-4790-E0	—	AJ0-9820	AJ0-9822	AJ0-9000
bioZen 1.7 μ m Oligo	00B-4791-AN	00D-4791-AN	00F-4791-AN	—	—	—	—	AJ0-9820	AJ0-9822	AJ0-9000



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