

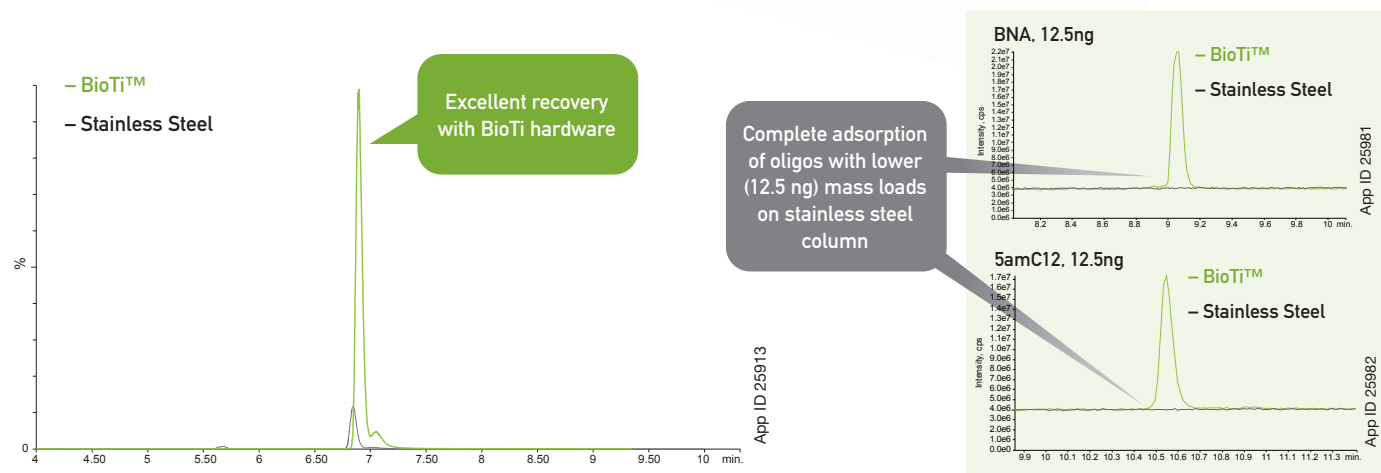
Bio-Inert Titanium Hardware

The use of bio-inert hardware can not only improve the chromatographic performance and consistency of oligonucleotides, but it also may provide improvements in sensitivity, enabling both quantitation and characterization.



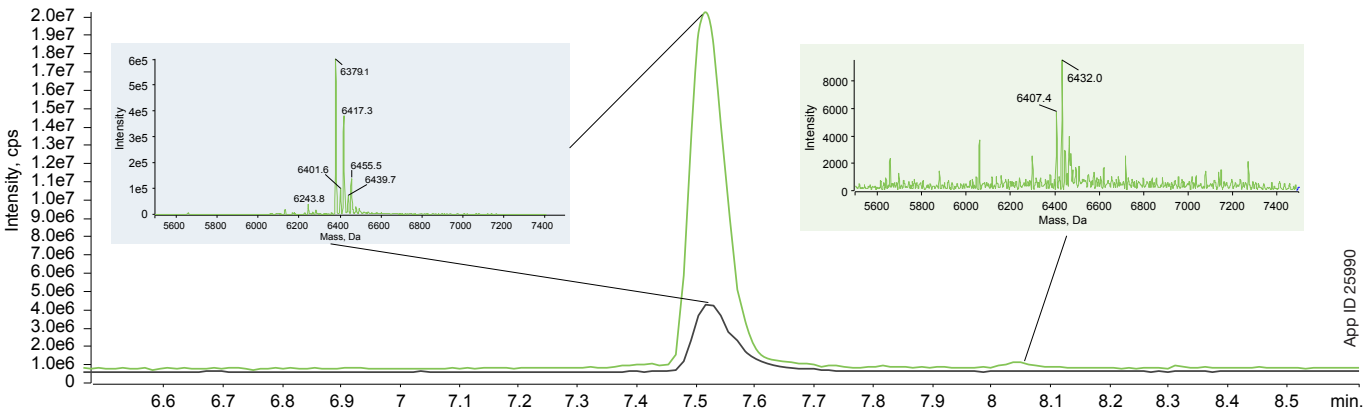
BioTi versus Traditional Stainless Steel Hardware

Oligos can chelate to trace heavy metals in stainless steel column hardware, leading to poor recovery, inconsistent chromatography and problematic carryover.

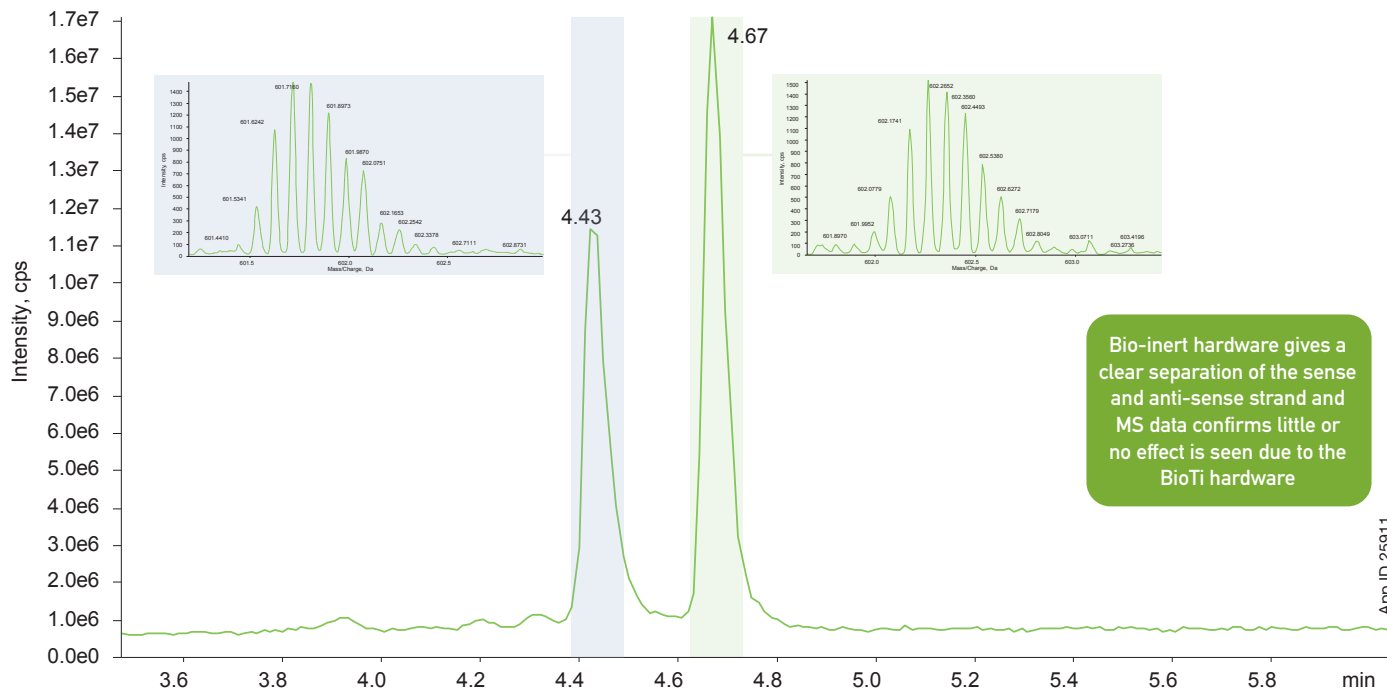


BioTi ensures method robustness and consistency from injection to injection!

BioTi vs Stainless Steel Column Hardware Comparison of Oligonucleotide Conjugates



LC-MS Analysis of siRNA using BioTi UHPLC Hardware

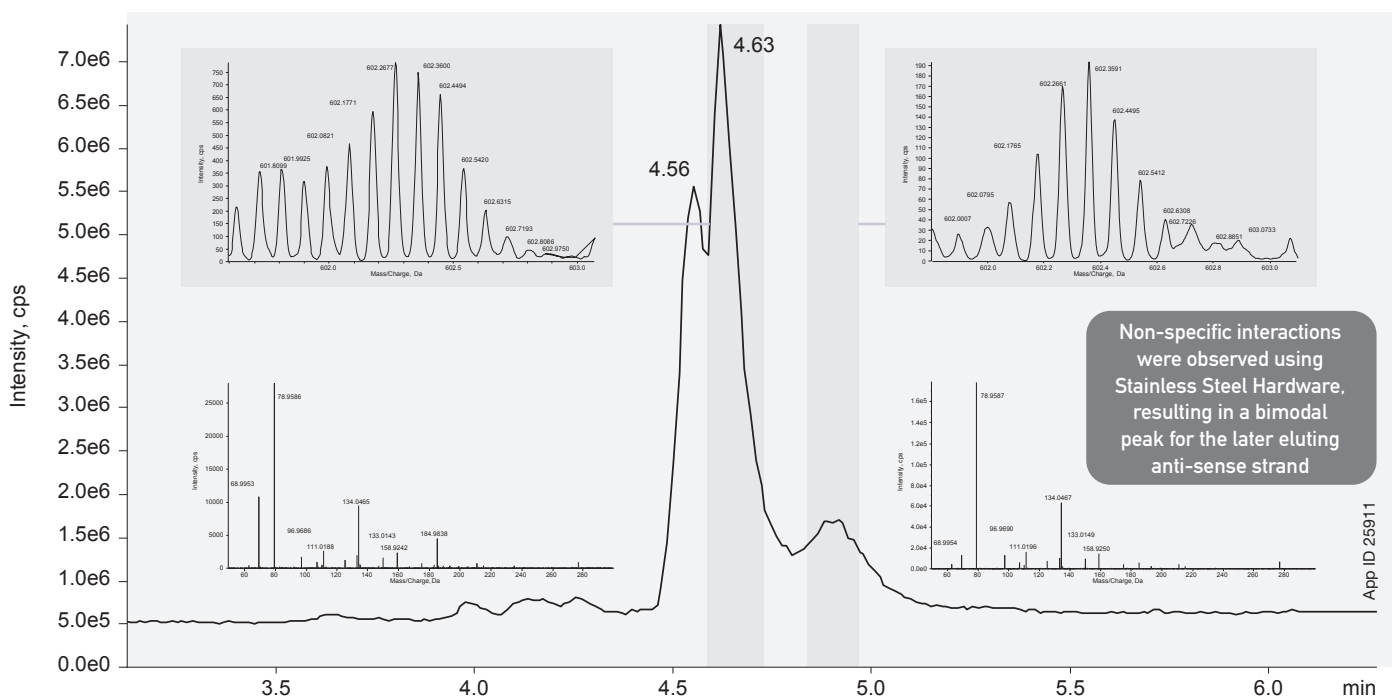


Bio-inert hardware gives a clear separation of the sense and anti-sense strand and MS data confirms little or no effect is seen due to the BioTi hardware

App ID 25911

Vs

LC-MS Analysis of siRNA using Stainless Steel UHPLC Hardware



Non-specific interactions were observed using Stainless Steel Hardware, resulting in a bimodal peak for the later eluting anti-sense strand

App ID 25911

bioZen Products - Powered by Biocompatible Hardware

bioZen Columns (mm)									Biocompatible Guard Cartridges		
	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	300 x 4.6	for 2.1 mm	for 4.6 mm	Holder
									3/pk		ea
bioZen 2.6 µm Glycan	00B-4773-AN	00D-4773-AN	00F-4773-AN	—	—	—	—	—	AJ0-9800	—	AJ0-9000
									3/pk		ea
bioZen 1.6 µm Peptide PS-C18	00B-4770-AN	00D-4770-AN	00F-4770-AN	—	—	—	—	—	AJ0-9803	—	AJ0-9000
									10/pk	10/pk	ea
bioZen 3 µm Peptide PS-C18	00B-4771-AN	—	00F-4771-AN	00B-4771-E0	—	00F-4771-E0	—	—	AJ0-7605	AJ0-7606	KJ0-4282
									3/pk		ea
bioZen 1.7 µm Peptide XB-C18	00B-4774-AN	00D-4774-AN	00F-4774-AN	—	—	—	—	—	AJ0-9806	—	AJ0-9000
									3/pk	3/pk	ea
bioZen 2.6 µm Peptide XB-C18	00B-4768-AN	00D-4768-AN	00F-4768-AN	00B-4768-E0	—	00F-4768-E0	—	—	AJ0-9806	AJ0-9808	AJ0-9000
									3/pk	3/pk	ea
bioZen 2.6 µm WidePore C4	00B-4786-AN	00D-4786-AN	00F-4786-AN	00B-4786-E0	00D-4786-E0	00F-4786-E0	00G-4786-E0	—	AJ0-9816	AJ0-9818	AJ0-9000
									3/pk	3/pk	ea
bioZen 3.6 µm Intact XB-C8	00B-4766-AN	00D-4766-AN	00F-4766-AN	00B-4766-E0	—	00F-4766-E0	—	—	AJ0-9812	AJ0-9814	AJ0-9000
									3/pk	3/pk	ea
	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	300 x 4.6	for 4.6 mm	Holder
										3/pk	ea
bioZen 1.8 µm SEC-2	00B-4769-AN	—	00F-4769-AN	—	—	00F-4769-E0	—	—	00H-4769-E0	AJ0-9850	AJ0-9000
bioZen 1.8 µm SEC-3	00B-4772-AN	—	00F-4772-AN	—	—	00F-4772-E0	00F-4772-E0	—	00H-4772-E0	AJ0-9851	AJ0-9000
										10/pk	ea
bioZen 6 µm WCX	00B-4777-AN	00D-4777-AN	00F-4777-AN	00G-4777-AN	00B-4777-E0	00D-4777-E0	00F-4777-E0	00G-4777-E0	—	AJ0-9400	KJ0-4282
										10/pk	ea
	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 µm 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 µm Oligo	00B-4791-AN	00D-4791-AN	00F-4791-AN	—	—	—	—	—	AJ0-9820	AJ0-9822	AJ0-9000

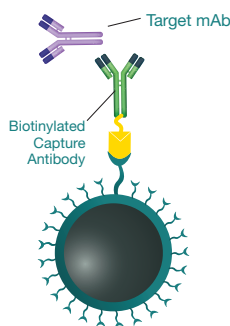
Sample Preparation

bioZen Solid Phase Extraction	Format	Sorbent Mass	Part Number	Unit
bioZen N-Glycan Clean-Up				



bioZen MagBeads Streptavidin Coated

Formats	Part No.	Concentration	Bead Size
25 mg (≈50 samples)	KS0-9531	20 mg/mL	1.0 µm
50 mg (≈100 samples)	KS0-9532		
500 mg (≈1000 samples)	KS0-9533		



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