

Chromatography Solutions

Avantor® ACE® Excel Oligo U/HPLC Columns

Buy 1 column from the list below and get 1 case of qualifying VWR Chemicals BDH Biosynthesis Reagents – free!

UHPLC/HPLC COLUMNS FOR REPRODUCIBLE OLIGONUCLEOTIDE ANALYSIS

- Proprietary encapsulated stationary phase for oligonucleotide analysis
- Ultra-inert silica and high efficiency 1.7 and 3 µm particle sizes for optimum peak shape
- Extended pH stability up to 11.5 with LC-MS compatible buffers
- Highly reproducible stationary phase: batch-to-batch and column-to-column
- Excellent column lifetime under oligonucleotide testing conditions

OLIGONUCLEOTIDE ANALYSIS

- Oligonucleotides are being synthesized for therapeutic usage against many diseases including genetic disorders and cancer
- Several impurities can be produced during oligonucleotide synthesis (e.g., failure sequences) which need to be separated from the desired product
- Ion-pair RPLC can be employed for the analysis of trityl-off deprotected oligonucleotides
- Triethylammonium acetate (TEAA) is used to ion pair with the negatively charged phosphodiester backbone of the oligonucleotide
- The stationary phase is chemically modified to withstand an extended pH range



COLUMNS TO PURCHASE

Column format	Phase	I.D.×L	Particle Size	Pore Size	Cat. No.	Unit
Analytical	Oligo	2.1×50 mm	1.7 µm	90 Å	76415-444	Each
Analytical	Oligo	2.1×100 mm	1.7 µm	90 Å	76415-446	Each
Analytical	Oligo	2.1×50 mm	3 µm	90 Å	76415-432	Each
Analytical	Oligo	2.1×100 mm	3 µm	90 Å	76415-436	Each
Analytical	Oligo	2.1×150 mm	3 µm	90 Å	76415-440	Each
Analytical	Oligo	4.6×50 mm	3 µm	90 Å	76415-434	Each
Analytical	Oligo	4.6×100 mm	3 µm	90 Å	76415-438	Each
Analytical	Oligo	4.6×150 mm	3 µm	90 Å	76415-442	Each

Avantor® ACE®







VWR CHEMICALS BDH® BIOSYNTHESIS REAGENTS

- High purity reagents with low water content formulated for DNA and RNA synthesis
- Manufactured at an ISO 9001:2015 certified facility
- Multiple formulations available of activators, deblockers, capping reagent A and B, and oxidizers
- Dry solvents also available
- Custom formulations and bulk options available contact your VWR sales representative for more information

FREE PRODUCT

Description	Reagent Type	Size	Cat. No.
0.5M ETT in Anhydrous ACN	Activator	6 x 450mL	BDH0604-450ML
20% NMI in Anhydrous ACN	Cap A	6 x 450mL	BDH0607-450ML
8:1:1 THF/Lutidine/Acetic Anhydride	Cap A	6 x 450mL	BDH0612-450ML
9:1 THF/Acetic Anhydride	Cap A	6 x 450mL	BDH0614-450ML
50:20:30 Anhydrous ACN/Acetic Anhydride/Lutidine	Сар В	6 x 450mL	BDH0611-450ML
3% DCA in Anhydrous DCM	Deblock	6 x 450mL BDH0609-	
3% TCA in Anhydrous DCM	Deblock	6 x 450mL	BDH0610-450ML
0.02M lodine in THF/Pyridine/Water [70:20:10]	Oxidizer	6 x 450mL	BDH0600-450ML

Terms and Conditions:

- 1. Purchase your Avantor®ACE® Excel Oligo U/HPLC columns, between January 1, 2024 and June 30, 2024 by visiting **vwr.com**, calling 855 282 6867 or 800 932 5000, or contacting your Avantor/VWR sales reps.
- 2. To receive your free VWR Chemicals BDH® biosynthesis reagent, visit **vwr.com/promotions** and search for promo code 5612. Fill in the online form before July 30, 2024. Be sure to indicate your choice of free product.

Allow up to 8 weeks for delivery of free items. Limit one redemption per customer. Valid while supples last.



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