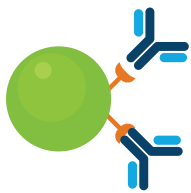


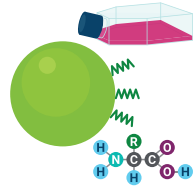
# 安捷伦制药 HPLC 生物液相色谱柱推荐

## 安捷伦确保生物制药行业中的关键质量属性 (CQA) 监测

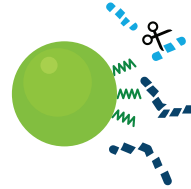
AdvanceBio 生物液相色谱柱 + InfinityLab HPLC = 生物制药 HPLC



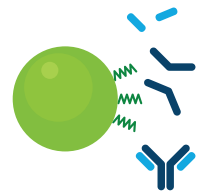
滴度亲和分析



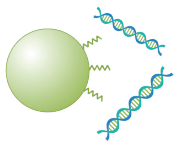
氨基酸分析



肽谱分析



完整蛋白和亚基分析



核酸分析



1260 Infinity II 生物惰性

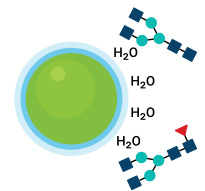


AdvanceBio  
生物液相色谱柱

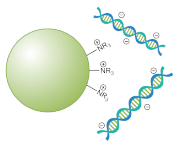


1290 Infinity II 生物

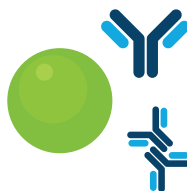
**BIO**



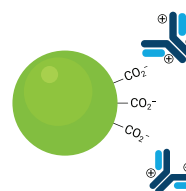
糖谱分析



核酸阴离子交换



聚集体 / 片段分析



电荷异质性

## 抗体类蛋白方案的生物液相色谱柱推荐

检测项	检测器	1260 Infinity II 液相系统	1290 Infinity II 液相系统	1260 Infinity II 生物惰性液相系统	1290 Infinity II 生物液相系统
聚集体分析	UV	AdvanceBio SEC 300 Å 7.8 × 300 mm, 2.7 μm (PL1180-5301)	AdvanceBio SEC 200 Å 4.6 × 150 mm, 1.9 μm (PL1580-3201)	AdvanceBio SEC 300 Å 7.8 × 300 mm, 2.7 μm (PL1180-5301)	AdvanceBio SEC 200 Å 4.6 × 150 mm, 1.9 μm (PL1580-3201)
	MS	AdvanceBio SEC 200 Å 4.6 × 150 mm, 1.9 μm (PL1580-3201)	AdvanceBio SEC 200 Å 4.6 × 150 mm, 1.9 μm (PL1580-3201)	AdvanceBio SEC 200 Å 2.1 × 150 mm, PEEK, 1.9 μm (PL1980-3201PK)	AdvanceBio SEC 200 Å 2.1 × 150 mm, PEEK, 1.9 μm (PL1980-3201PK)
糖谱分析	UV / MS	AdvanceBio 糖谱分析 120Å 2.1 × 150 mm, 2.7 μm (683775-913)	AdvanceBio 糖谱分析 300Å 2.1 × 150 mm, 1.8 μm (859700-913)	AdvanceBio 糖谱分析 120Å 2.1 × 150 mm, 2.7 μm (683775-913)	AdvanceBio 糖谱分析 300Å 2.1 × 150 mm, 1.8 μm (859700-913)
完整蛋白分析	UV / MS	PLRP-S 1000Å 2.1 × 100 mm, PEEK, 5 μm (PL1912-2502PK)	PLRP-S 1000Å 2.1 × 100 mm, PEEK, 5 μm (PL1912-2502PK)	PLRP-S 1000Å 2.1 × 100 mm, PEEK, 5 μm (PL1912-2502PK)	PLRP-S 1000Å 2.1 × 100 mm, PEEK, 5 μm (PL1912-2502PK)
肽谱分析	MS	AdvanceBio Peptide Plus 2.1 × 150 mm, 2.7 μm (695775-949)	AdvanceBio Peptide Plus 2.1 × 150 mm, 2.7 μm (695775-949)	AdvanceBio Peptide Plus 2.1 × 150 mm, 2.7 μm (695775-949)	AdvanceBio Peptide Plus 2.1 × 150 mm, 2.7 μm (695775-949)
滴度亲和分析	UV	Bio-Monolith 重组 Protein A 4.95 × 5.2 mm (5190-6903)	Bio-Monolith 重组 Protein A 4.95 × 5.2 mm (5190-6903)	Bio-Monolith 重组 Protein A 4.95 × 5.2 mm (5190-6903)	Bio-Monolith 重组 Protein A 4.95 × 5.2 mm (5190-6903)
电荷异质性	UV	Bio MAb, NP5 4.6 × 250 mm, PEEK, 5 μm (5190-2407)	Bio MAb, NP5 4.6 × 250 mm, PEEK, 5 μm (5190-2407)	Bio MAb, NP5 4.6 × 250 mm, PEEK, 5 μm (5190-2407)	Bio MAb, NP5 4.6 × 250 mm, PEEK, 5 μm (5190-2407)
氨基酸分析	UV	AdvanceBio 氨基酸分析 (AAA) 4.6 mm × 100 mm, 2.7 μm (655950-802)	AdvanceBio 氨基酸分析 (AAA) 4.6 mm × 100 mm, 2.7 μm (655950-802)	AdvanceBio 氨基酸分析 (AAA) 4.6 mm × 100 mm, 2.7 μm (655950-802)	AdvanceBio 氨基酸分析 (AAA) 3.0 mm × 100 mm, 2.7 μm (695975-322)
	MS	AdvanceBio MS Spent Media, 120 Å, 2.1 × 150 mm, 2.7 μm (673775-901)	AdvanceBio MS Spent Media, 120 Å 2.1 × 150 mm, 2.7 μm (673775-901)	AdvanceBio MS Spent Media, 120 Å 2.1 × 150 mm, 2.7 μm (673775-901)	AdvanceBio MS Spent Media, 120 Å 2.1 × 150 mm, 2.7 μm (673775-901)
药物抗体比率 (DAR)	UV	AdvanceBio HIC 4.6 × 100 mm, 3.5 μm (685975-908)	AdvanceBio HIC 4.6 × 100 mm, 3.5 μm (685975-908)	AdvanceBio HIC 4.6 × 100 mm, 3.5 μm (685975-908)	AdvanceBio HIC 4.6 × 100 mm, 3.5 μm (685975-908)
	Native MS	AdvanceBio SEC 200 Å 4.6 × 150 mm, 1.9 μm (PL1580-3201)	AdvanceBio SEC 200 Å 4.6 × 150 mm, 1.9 μm (PL1580-3201)	AdvanceBio SEC 200 Å 2.1 × 150 mm, PEEK, 1.9 μm (PL1980-3201PK)	AdvanceBio SEC 200 Å 2.1 × 150 mm, PEEK, 1.9 μm (PL1980-3201PK)

## 多肽类方案的生物液相色谱柱推荐

检测项	检测器	1260 Infinity II 液相系统	1290 Infinity II 液相系统	1260 Infinity II 生物惰性液相系统	1290 Infinity II 生物液相系统
聚集体分析	UV	AdvanceBio SEC 130Å 7.8 × 300 mm, 2.7 μm (PL1180-5350)	AdvanceBio SEC 120 Å 4.6 × 150 mm, 1.9 μm (PL1580-3250)	AdvanceBio SEC 130Å 7.8 × 300 mm, 2.7 μm (PL1180-5350)	AdvanceBio SEC 120 Å 4.6 × 150 mm, 1.9 μm (PL1580-3250)
	MS	AdvanceBio SEC 120 Å 4.6 × 150 mm, 1.9 μm (PL1580-3250)	AdvanceBio SEC 120 Å 4.6 × 150 mm, 1.9 μm (PL1580-3250)	AdvanceBio SEC 120 Å 2.1 × 150 mm, PEEK, 1.9 μm (PL1980-3250PK)	AdvanceBio SEC 120 Å 2.1 × 150 mm, PEEK, 1.9 μm (PL1980-3250PK)
有关物质 / 含量	UV	AdvanceBio 肽谱分析 120Å 4.6 × 150 mm, 2.7 μm (653950-902)	AdvanceBio 肽谱分析 120Å 4.6 × 150 mm, 2.7 μm (653950-902)	AdvanceBio 肽谱分析 120Å 4.6 × 150 mm, 2.7 μm (653950-902)	AdvanceBio 肽谱分析 120Å 4.6 × 150 mm, 2.7 μm (653950-902)
	MS	AdvanceBio Peptide Plus 4.6 × 150 mm, 2.7 μm (693975-949)	AdvanceBio Peptide Plus 4.6 × 150 mm, 2.7 μm (693975-949)	AdvanceBio Peptide Plus 4.6 × 150 mm, 2.7 μm (693975-949)	AdvanceBio Peptide Plus 4.6 × 150 mm, 2.7 μm (693975-949)

## 核酸及细胞基因治疗

检测项	检测器	1260 Infinity II 液相系统	1260 Infinity II 生物惰性液相系统	1290 Infinity II 液相系统	1290 Infinity II 生物液相系统
质粒拓扑形态 / 超螺旋比例	UV	Bio-Monolith DEAE, 4.95 × 5.2 mm (5069-3636)	Bio-Monolith DEAE, 4.95 × 5.2 mm (5069-3636)	Bio-Monolith DEAE, 4.95 × 5.2 mm (5069-3636)	Bio-Monolith DEAE, 4.95 × 5.2 mm (5069-3636)
mRNA 纯度分析	UV	PLRP-S, 4000 Å, 8 μm, 4.6 × 150 mm (PL1512-3803)	PLRP-S, 4000 Å, 8 μm, 4.6 × 150 mm (PL1512-3803)	PLRP-S, 4000 Å, 8 μm, 4.6 × 150 mm (PL1512-3803)	PLRP-S, 4000 Å, 8 μm, 4.6 × 150 mm (PL1512-3803)
质粒 / mRNA 聚集体分析	UV	Agilent Bio SEC-5, 2000Å, 7.8 × 300 mm, 5 μm (5190-2541)	Agilent Bio SEC-5, 2000Å, 7.8 × 300 mm, 5 μm (5190-2541)	Agilent Bio SEC-5, 2000Å, 7.8 × 300 mm, 5 μm (5190-2541)	Agilent Bio SEC-5, 2000Å, 7.8 × 300 mm, 5 μm (5190-2541)
5' 端加帽分析	UV/MS	AdvanceBio 寡核苷酸色谱柱, 2.1 × 50 mm, 2.7 μm (659750-702)	AdvanceBio 寡核苷酸色谱柱, 2.1 × 50 mm, 2.7 μm (659750-702)	AdvanceBio 寡核苷酸色谱柱, 2.1 × 50 mm, 2.7 μm (659750-702)	AdvanceBio 寡核苷酸色谱柱, 2.1 × 50 mm, 2.7 μm (659750-702)
3' poly A 尾序列 变异体分析	MS	PLRP-S 1000Å, 2.1 × 50 mm, 5 μm (PL1912-1502)	PLRP-S 1000Å, 2.1 × 50 mm, 5 μm (PL1912-1502)	PLRP-S 色谱柱, 1000 Å, 5 μm, 2.1 × 50 mm, 带 PEEK 内衬 (PL1912-1502PK)	PLRP-S 色谱柱, 1000 Å, 5 μm, 2.1 × 50 mm, 带 PEEK 内衬 (PL1912-1502PK)
LNP 分析	ELSD	InfinityLab Poroshell 120 Phenyl-Hexyl, 2.1 × 50 mm, 1.9 μm (699675-912)	InfinityLab Poroshell 120 Phenyl-Hexyl, 2.1 × 50 mm, 1.9 μm (699675-912)	InfinityLab Poroshell 120 Phenyl-Hexyl, 2.1 × 50 mm, 1.9 μm (699675-912)	InfinityLab Poroshell 120 Phenyl-Hexyl, 2.1 × 50 mm, 1.9 μm (699675-912)
AAV 空壳率	UV	Bio SAX NP5 column, PEEK, 2.1 × 50 mm, 5 μm (5190-2472)	Bio SAX NP5 column, PEEK, 2.1 × 50 mm, 5 μm (5190-2472)	Bio SAX NP5 column, PEEK, 2.1 × 50 mm, 5 μm (5190-2472)	Bio SAX NP5 column, PEEK, 2.1 × 50 mm, 5 μm (5190-2472)
AAV 衣壳蛋白 分析	UV	ZORBAX RRHD 300Å SB-Diphenyl, 2.1 × 150 mm, 1.8 μm 色谱柱 (863750-944)	ZORBAX RRHD 300Å SB-Diphenyl, 2.1 × 150 mm, 1.8 μm 色谱柱 (863750-944)	ZORBAX RRHD 300Å SB-Diphenyl, 2.1 × 150 mm, 1.8 μm 色谱柱 (863750-944)	ZORBAX RRHD 300Å SB-Diphenyl, 2.1 × 150 mm, 1.8 μm 色谱柱 (863750-944)

有 PEEK 内衬的不锈钢金属柱或 PEEK 柱, 建议搭配 InfinityLab Quick Connect 快速连接接头组件 (5067-5957)。

有 PEEK 内衬的不锈钢金属柱或 PEEK 柱, 建议搭配生物惰性毛细管接头组件 (G5667-81000)。

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