

工欲善其事，必先利其器



純化樹脂再進化，
讓您更短時間內，獲得更高純度的蛋白

新一代

Increase系列分子篩層析管柱

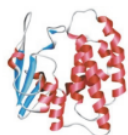
- ✓ **更純**：管柱填料粒徑由13 μ m縮小至9 μ m, 且更均一，解析度提升 >50%
- ✓ **更快**：相同解析度下，運行速度提升3倍, 需時更少，通量更高
- ✓ **更穩**：批次穩定性高，純化分析結果更穩定

● Increase 系列分子篩管柱，涵蓋 4 個不同分離範圍：



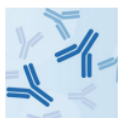
Superdex 30 Increase

適合胜肽 & 小生物分子，
分離範圍: Mr. 100-7,000 Da



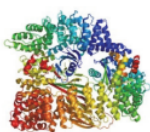
Superdex 75 Increase

適合小重組/標籤蛋白，
分離範圍: Mr. 3K-70K Da



Superdex 200 Increase

適合抗體 & 較大蛋白，
分離範圍: Mr. 10K-600K Da



Superose 6 Increase

適合較大蛋白 & 蛋白複合體，
分離範圍: Mr. 5K-5,000K Da

● 提供 3 種柱型，滿足多種需求：



10 × 300 mm
(Tricorn 10/300 GL)

適合小量(mg)蛋白製備 & 分析
樣品體積: 25-500 μ l



3.2 × 300 mm
(Precision Column 3.2/300)

適合來源珍貴稀少樣品，
微量 (μ g) 蛋白製備 & 分析
樣品體積: 4-50 μ l
超省 Buffer (及添加劑)



5 × 150 mm
(Tricorn 5/150 GL)

適合高通量篩選 / 分析
超快速，只需 20 min
樣品體積: 4-50 μ l

● Ordering information:

Dimensions (mm)	Superdex 30 Increase	Superdex 75 Increase	Superdex 200 Increase	Superose 6 Increase
10 × 300	29219757	29148721	28990944	29091596
5 × 150	Custom design†	29148722	28990945	29091597
3.2 × 300	29219758	29148723	28990946	29091598

GE Authorized Distributor in Taiwan



友和貿易股份有限公司
UNI-ONWARD Corp.
客服專線: (02)2600-0611

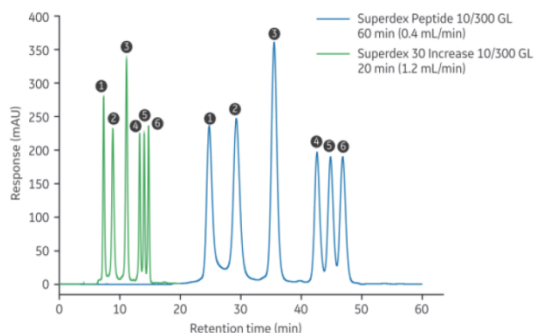
◆台北 TEL:(02)2600-0611
◆新竹 TEL:(03)658-0508
◆台中 TEL:(04)2355-2008
◆嘉義 TEL:(05)2238-001

FAX:(02)2600-0799
FAX:(03)658-0509
FAX:(04)2355-2006
FAX:(05)2233-519

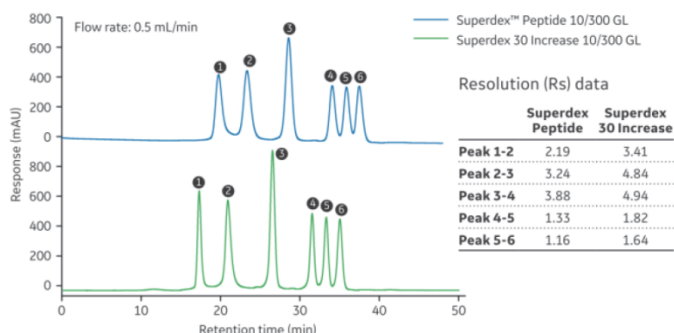
◆台南 TEL:(06)249-5488
◆高雄 TEL:(07)347-7776
◆花蓮 TEL:(03)836-0065
FAX:(06)249-5499
FAX:(07)347-1245
FAX:(03)836-0075
www.uni-onward.com.tw



● 相同分辨率下，能更快完成純化分析

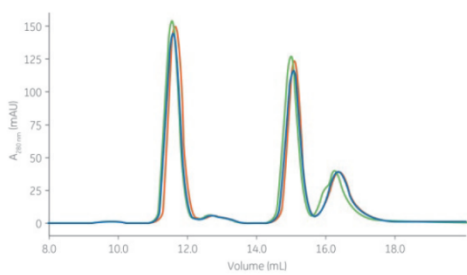


● 相同流速下，具更高解析度



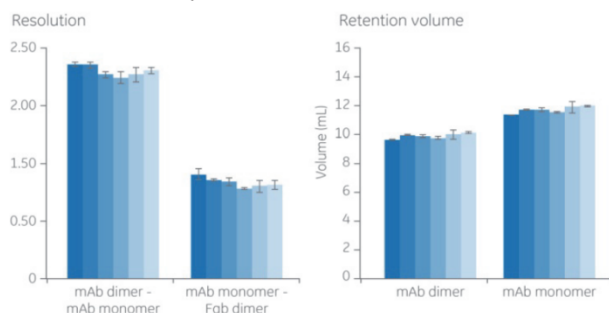
● Column-to-column 實驗再現性佳

Results from tests of column packing robustness are shown on Superdex 200 Increase 10/300 GL columns in the Figure. Three columns from different lots, packed with the same resin lot, were tested and the results show very high reproducibility.



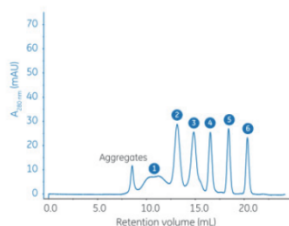
● Batch-to-batch 實驗再現性佳

Results from batch-to-batch reproducibility of different resin lots of Superdex 200 Increase are shown in the Figure. Six different resin lots were compared for resolution and retention volume and show minor differences in relative standard deviation (RSD) of < 6% for resolution and < 10% for retention volume. The same sample and running conditions as for the column lot-to-lot comparison was used here.



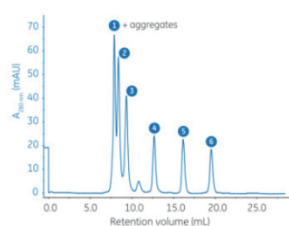
● 選擇哪支管柱較合適?

Superose 6 Increase 10/300 GL



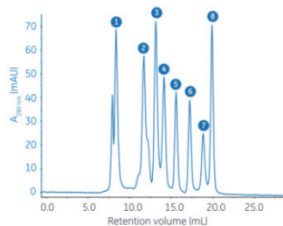
- Sample:
- 1 IgM (M, 970 000)
 - 2 Thyroglobulin (M, 669 000)
 - 3 Ferritin (M, 440 000)
 - 4 BSA (M, 66 000)
 - 5 Myoglobin (M, 17 600)
 - 6 Vitamin B₁₂ (M, 1300)

Superdex 200 Increase 10/300 GL



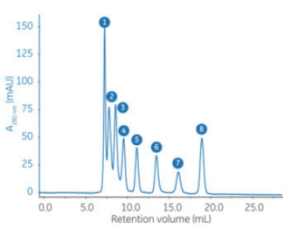
比較不同分子量蛋白在 superose 6 Increase 及 Superdex 200 Increase 管柱中之分離結果。依結果圖示，分子量大於 440 KDa 之蛋白選用 Superose 6 Increase 管柱進行分離會有較佳之分離效果。

Superdex 200 Increase 10/300 GL



- Sample:
- 1 Thyroglobulin (M, 669 000)
 - 2 Aldolase (M, 158 000)
 - 3 Conalbumin (M, 75 000)
 - 4 Ovalbumin (M, 44 000)
 - 5 Carbonic anhydrase (M, 29 000)
 - 6 Cytochrome C (M, 12 300)
 - 7 Aprotinin (M, 6500)
 - 8 Vitamin B₁₂ (M, 1300)

Superdex 75 Increase 10/300 GL



比較不同分子量蛋白在 Superdex 200 Increase 及 Superdex 75 Increase 管柱中之分離狀況。依結果圖所示，分子量小於 44 KDa 之蛋白適合用 Superdex 75 Increase 管柱進行分離，而大於 44KDa 蛋白以 Superdex 200 Increase 分離效果較佳。

更多產品資訊

