



EconoFit Chromatography Columns

특징

- Prepacked Low-pressure column
- 대표적인 Lab-Scale Column
- 대부분의 Chromatography 장비와 호환 가능한 Fitting
- 다양한 Resin Chemistry
- 1ml, 5ml size



사양

Property	Description
Size	1 and 5 ml bed volumes
Bed Dimensions (D x H)	1 ml: 7 x 25 mm 5 ml: 16 x 25 mm
Maximum pressure tolerance	72 psi/5 bar/0.5 MPa
Fittings	10-32 (1/16"), female inlet and male outlet
Column material	Polypropylene
Frit material	High-density polyethylene

Chromatography Type	Prepacked Columns	Catalog Number	Size	Mean Particle Size, μm	Capacity of Resin	Purification Applications
Tagged Affinity	EconoFit Nuvia IMAC	12009288	1 x 1 ml	50	>40 mg histidine-tagged protein/ml	Histidine-tagged proteins; ultra-high capacity
		12009285	5 x 1 ml			
		12009286	1 x 5 ml			
	EconoFit Nuvia IMAC, uncharged	12009287	5 x 5 ml	50	>40 mg histidine-tagged protein/ml when charged	Customized metal ion charging
		12009289	1 x 1 ml			
	EconoFit Profinity IMAC	12009298	5 x 1 ml	60	≥ 15 mg histidine-tagged protein/ml	Histidine-tagged proteins; high purity for a wide molecular weight range
		12009299	1 x 5 ml			
		12009300	5 x 5 ml			
	EconoFit Profinity GST	12009295	5 x 1 ml	70	≥ 11 mg GST-tagged protein/ml	GST-tagged proteins
		12009296	1 x 5 ml			
		12009297	5 x 5 ml			
	EconoFit Profinity eXact	12009292	1 x 1 ml	60–160	>3 mg tag-free maltose binding protein/ml	Subtilisin-tagged proteins
12009293		5 x 1 ml				
12009294		1 x 5 ml				
Immunoglobulin Affinity	EconoFit UNOsphere SUPra	12009321	1 x 1 ml	53–61	>20 mg polyclonal human IgG/ml	Antibodies
		12009322	5 x 1 ml			
		12009323	1 x 5 ml			
	EconoFit Affi-Prep Protein A	12009236	5 x 1 ml	61	8–10 mg mouse IgG1/ml 16–23 mg human IgG/ml	Antibodies
		12009237	1 x 5 ml			
	EconoFit Affi-Gel Blue	12009234	1 x 5 ml	80–150	>11 mg albumin/ml	Albumin removal
12009235		5 x 5 ml				
EconoFit DEAE Affi-Gel Blue	12009262	1 x 5 ml	150–300	0.2–1 ml serum/ml gel; IgG recovery >55%, albumin recovery >90%	IgG purification from serum and serum proteins	
	12009263	5 x 5 ml				
Anion Exchange	EconoFit Macro-Prep DEAE	12009274	1 x 1 ml	50	≥ 30 mg BSA/ml	Capture, polishing
		12009264	5 x 1 ml			
		12009265	1 x 5 ml			
		12009266	5 x 5 ml			
	EconoFit Macro-Prep High Q	12009275	1 x 1 ml	50	≥ 37 mg BSA/ml	Capture, polishing
		12009267	5 x 1 ml			
		12009268	1 x 5 ml			
	EconoFit Macro-Prep High Q-3HT	12009269	5 x 5 ml	50	≥ 37 mg BSA/ml	Capture, polishing
		12009283	1 x 1 ml			
	EconoFit UNOsphere Q	12009307	1 x 1 ml	120	≥ 180 mg BSA/ml	Capture, polishing
12009301		5 x 1 ml				
12009302		1 x 5 ml				
EconoFit Nuvia Q	12009303	5 x 5 ml	85	>170 mg BSA/ml	Capture, polishing	
	12009290	1 x 1 ml				
	12009282	1 x 1 ml				
	12009282	1 x 1 ml				
Cation Exchange	EconoFit Macro-Prep High S	12009276	1 x 1 ml	50	≥ 49 mg human IgG/ml	Capture, polishing
		12009270	5 x 1 ml			
		12009271	1 x 5 ml			
		12009272	5 x 5 ml			
	EconoFit Macro-Prep CM	12009273	1 x 1 ml	50	≥ 25 mg hemoglobin/ml	Capture, polishing
		12009308	1 x 1 ml			
	EconoFit UNOsphere S	12009304	5 x 1 ml	80	60 mg human IgG/ml	Capture, polishing
		12009305	1 x 5 ml			
12009306		5 x 5 ml				
EconoFit Nuvia S	12009291	1 x 1 ml	85	>110 mg human IgG/ml	Capture, polishing	
	12009284	1 x 1 ml				
Hydrophobic Interaction	EconoFit Macro-Prep Methyl	12009277	1 x 1 ml	50	15 mg HSA/ml	Intermediate; strongly hydrophobic
	EconoFit Macro-Prep t-Butyl	12009278	1 x 1 ml	50	25 mg HSA/ml	Intermediate; weakly hydrophobic
Mixed Mode	EconoFit CHT Type I, 40 μm	12009255	1 x 1 ml	40	≥ 25 mg lysozyme/g CHT; 25–60 mg IgG/ml CHT	High capacity, high selectivity
		12009253	1 x 5 ml			
	EconoFit CHT Type II, 40 μm	12009254	5 x 5 ml	40	≥ 12.5 mg lysozyme/g CHT; 15–25 mg IgG/ml CHT	High selectivity
		12009259	1 x 1 ml			
		12009257	1 x 5 ml			
	EconoFit CHT Type I, 80 μm	12009258	5 x 5 ml	80	≥ 25 mg lysozyme/g CHT; 25–60 mg IgG/ml CHT	High capacity, high selectivity
		12009256	1 x 1 ml			
	EconoFit CHT Type II, 80 μm	12009260	1 x 1 ml	80	≥ 12.5 mg lysozyme/g CHT; 15–25 mg IgG/ml CHT	High selectivity
		12009261	1 x 1 ml			
	EconoFit CHT XT, 40 μm	12009252	1 x 1 ml	40	17–25 mg lysozyme/g CHT; ≥ 60 mg mAb G/ml CHT	Unique selectivity
		12009240	1 x 5 ml			
EconoFit CFT Type II, 40 μm	12009251	5 x 5 ml	40	14–21 mg lysozyme/ml; 33 mg IgG/ml CFT	Acidic proteins	
	12009279	1 x 1 ml				
EconoFit MPC Type I, 40 μm	12009280	1 x 1 ml	50	≥ 50 mg acidic mAb/ml	High purity and yield	
	12009281	1 x 1 ml				
	12009281	1 x 1 ml				
Desalting	EconoFit Bio-Gel P-6	12009238	1 x 5 ml	90–180	$\leq 30\%$ of column volume	Desalting
		12009239	5 x 5 ml			