

Gold Resolution

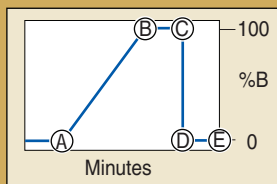
Methods for RediSep Rf Gold™ columns on non-Rf¹ systems



Gold Resolution improves compound resolution by using Teledyne Isco's high performance spherical media, 20–40 µm.

Size (grams)	4	12	24	40	80	120	220	330	750	1500
Part # 69-2203-___	-344	-345	-346	-347	-348	-349	-359	-369	-427	-428
Column Volume (mL)	4.8	16.8	33.6	48	125	192	334	443	1164	2306
Air Purge Time (min)	5	5	7	9	10	11	12	13	15	20
Flow Rate (mL/min)	18	30	35	40	60	85	100	100	250	300
Equilibration (min)	2	3	5	6	6	7	10	13	19.2	23

Gradient Steps (Duration in minutes)



A	1.0	1.0	1.0	1.0	2.1	2.0	3.3	4.9	7.4	12.3
B	11.0	11.0	11.5	14.0	25.0	27.1	40.1	53.2	48.4	79.9
C	2.0	3.0	1.9	3.0	4.0	5.0	6.7	10.2	11.2	18.4
D	0	0	0	0	0	0	0	0	0	0
E	1.0	1.0	1.0	1.0	2.1	2.0	3.3	4.9	7.4	12.3

¹ Use default RediSep Rf method settings on CombiFlash Companion® systems for Gold Resolution performance.

 RediSep Rf
Gold

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Gold Speed

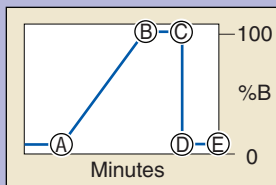
Methods for RediSep Rf Gold™ columns on non-Rf systems



Gold Speed saves time and solvent by using Teledyne Isco's high performance spherical media, 20–40 µm.

Size ¹ (grams)	12		24		40		80		120 ²		220 ²		330 ²		750	1500
							High	Low	High	Low	High	Low	High	Low		
Part # 69-2203-___	-345	-346	-347	-348	-349	-359	-369	-427	-428							
Column Volume (mL)	16.8	33.6	48	125	192	334	443	1164	2306							
Air Purge Time (min)	5	7	9	10	11	12	13	15	20							
Flow Rate (mL/min)	30	35	40	80	150	100	200	100	250	300						
Equilibration (min)	3	5	6	5	4	8	5	10	7	13	19.2	23				

Gradient Steps (Duration in minutes)



A	0.5	0.4	0.5	0.8	0.5	0.8	0.8	1.7	1.3	2.7	3.7	6.1
B	5.5	5.1	7.3	9.4	6.4	9.6	10.2	20.4	13.1	26	24.2	40.0
C	1.5	0.9	1.6	1.6	1.4	2.1	1.7	3.3	2.4	4.9	5.6	9.2
D	0	0	0	0	0	0	0	0	0	0	0	0
E	0.5	0.4	0.5	0.8	0.5	0.8	0.8	1.7	1.3	2.7	3.7	6.1



¹ RediSep Rf Gold 4 gram columns do not exhibit Gold Speed advantages due to the limited amount of media. Instead, use Gold Resolution method parameters listed on the back of this card.

² Values listed for high and low flow rate systems. High flow rate systems: ≥200 mL/min and ≥100 psi backpressure. Low flow rate systems and CombiFlash® Companion®: ≥100 mL/min and ≥50 psi backpressure.