

²Biotage, 10430 Harris Oaks Blvd., Suite C, Charlotte North Carolina 28269, USA

CN1C(=O)C=CC=S1

The diagram illustrates a three-step process for isolating and sequencing DNA from a sample:

- Step 1 Load:** A sample containing DNA (blue dots), proteins (orange stars), and other cellular components (grey dots) is loaded into a column. The column contains a matrix of small beads.
- Step 2 Wait:** The sample is allowed to sit in the column. The DNA (blue dots) binds to the matrix beads, while the proteins (orange stars) and other cellular components (grey dots) pass through the column.
- Step 3 Elute:** The DNA (blue dots) is released from the matrix beads and is collected in a vial. The proteins (orange stars) and other cellular components (grey dots) are discarded in a waste vial.

Treatment	% of cells in G2/M phase
No Modifier; EtDGA: Raccon	~35.0
2H HCl Modifier; EtDGA: Raccon	~52.0
No Modifier; EtDGA: Raccon	~10.0
2H HCl Modifier; EtDGA: Raccon	~10.0

Figure 1 consists of two side-by-side scatter plots, labeled 'Small' on the left and 'Large' on the right. Both plots show the relationship between the number of fish in a tank (X-axis) and the number of fish in a pond (Y-axis). The X-axis for both plots ranges from 0 to 350, with major ticks every 50 units. The Y-axis for both plots ranges from 0 to 1.6, with major ticks every 0.2 units. Both plots include a legend in the top right corner indicating the data source: 'Small: 100 fish' and 'Large: 100 fish'. Both plots show a positive linear correlation with a regression line. The left plot (Small) has a regression line with a steeper slope than the right plot (Large). The right plot (Large) has a regression line with a shallower slope than the left plot (Small).

Tank Size	Fish in Tank (X)	Fish in Pond (Y)
Small	50	0.15
	100	0.25
	150	0.40
	200	0.55
	250	0.65
	300	0.80
	350	1.00
	400	1.15
	450	1.30
	500	1.45
Large	50	0.10
	100	0.15
	150	0.25
	200	0.35
	250	0.45
	300	0.55
	350	0.65
	400	0.75
	450	0.85
	500	0.95

ASMS 2015, St Louis
Part Number: P129