

12. An investigation was carried out to compare the lactose content of human milk and cow milk.

The enzyme lactase was used to break down the lactose to glucose. The glucose concentration was measured every 30 seconds for 3 minutes.

The results are shown in the table.

Time (minutes)	Glucose concentration (%)	
	Human milk	Cow milk
0.0	0.00	0.00
0.5	0.28	0.24
1.0	0.54	0.46
1.5	0.80	0.54
2.0	1.04	0.58
2.5	1.10	0.58
3.0	1.10	0.58

What statement comparing human milk and cow milk is supported by the data?

- A Glucose production is faster in human milk.
- B Glucose reached its maximum concentration sooner in human milk.
- C No lactose remained in cow milk at 1.5 minutes.
- D Glucose reached a maximum concentration in both milks at 2 minutes.