

Calculation

Determining the molecular weight of the unknown protein sample

$$Y = -x +$$

Where'

y: $\log(\text{MW})$

x: migration distance of protein sample = cm

MW: molecular weight

Question: yield, gel, -10%

$$\log(\text{MW}) =$$

$$\text{MW} = 10^{()} = \text{kDa}.$$

The molar mass of protein sample #16 was kDa.

REFERENCE

Poitras, Luc and Coutu Josée. *Introduction to Biochemistry - Laboratory Component Laboratory Manual*.
Ottawa: University of Ottawa, 2016.

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