Check E later

Year 11 Biology · fresh later

E later page · A changed pouch condition

Complete later source E

In E's first pouch scenario, inside solute was 0.40 mol/L and outside 0.15 mol/L. Water could cross, solute could not, and initial temperature and pressure were equal. Those conditions supported an initial net inward water prediction.

Now consider a second scenario with the same concentrations and permeability and equal temperature, but hydrostatic pressure on the two sides is unknown and may differ. It is no longer supplied as equal. No full water-potential values are given. U and V's transport file and the membrane display are unchanged; the later scenario concerns only the pouch.

Complete later task E

Write a second response about the pouch. Say which conclusion was supported in the first scenario. For the new pressure-unknown scenario, decide whether the concentration-only inward arrow is certain, conditional or unresolved. Explain your judgement using water potential and name the additional information needed. State one result from the earlier U/V or membrane explanation that remains supported. Do not erase the first response or describe its stated equal-pressure conclusion as an error merely because the scenario changed.

Your explanation · words, directed marks or a sketch

KEEP or revise · reason
Unchanged result
Information / improvement needed