



A diagram showing a cross-section of a membrane with a central pore. The membrane is represented by two blue rounded rectangular blocks, one at the top and one at the bottom. The pore is the white space between them. Two vertical dashed lines extend from the edges of the top membrane block down to the bottom membrane block, defining the boundaries of the pore. Labels are placed within and around the diagram to identify its components.

membrane

solution with  
impermeant  
solute

pore contains  
only water

solution with  
impermeant  
solute