

810 2.3 Notes - Memorine Transport 10/4/2020 hypertinic & water moves inside of hyperbasic thing and cut of hypotonic hypotonic > water moves at of hypotonic thing and into hypotonic asmoughlation > cell maintain water balance in different sautions activides pump water, etc. Pacilitated diffusion & passive diffusion across certain (passions good) channels active transport > vaquives ATP to pump moveous against their concentration gradient proviews + channels involved, maintains nonveositations sodium portasium pump = uses 1 ATP to pump 3 Nat art and 2 Kt in establishes make Nat artside of all and Kt inside cell = 3Na+ established electrochemical graduent cinsiae is meg) less so south out the gang of 9th sec € 20th noting concentration of protons useful the coulder weak cotronsport & use AP to actively more particle attitle of call, have it do west as it passivory distores back inside (eg Ht ions diffuse back in cell of sucrose) EQ 2.3 summary > Organisms have 2 diffusivent types of mechanisms much that use to move particles across cell membrales; postive transport colorent take any every, each substance diffuses along down its own concontration gradient ) and active transport Cuses ATP to move porticles against their concentration gradients). Osmors is a special kind of diffusion of water across a semil -- permeable & membrane (moves from law saute > high saute). Active transport can be used to perform osmoveguation union maintains water halonce in cells through the actual pumping of water. Pumps like the sodium-pottation and proton pumps establish electro-- alemical gradients (more regarde instale cell) that can be namessed to perform cellular work (eg mragh corresport).