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Department:Medical Laboratory Science 1.The nephrons in desert dwellers are equipped with well developed Henle's loop and number of juxtamedullary nephrons in kidneys is very high, about 35% (in man this number is about 15%).Desert mammals do not readily find water, hence they must excrete very less amount of water. They are able to produce highly concentrated urine.

2.The glomerular filtration barrier functions as a highly organized, semipermeable membrane preventing the passage of the majority of proteins into the urine