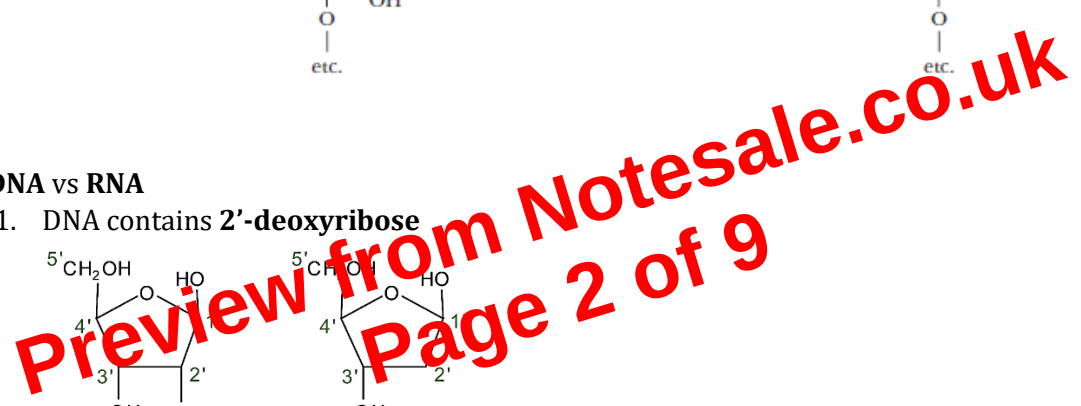
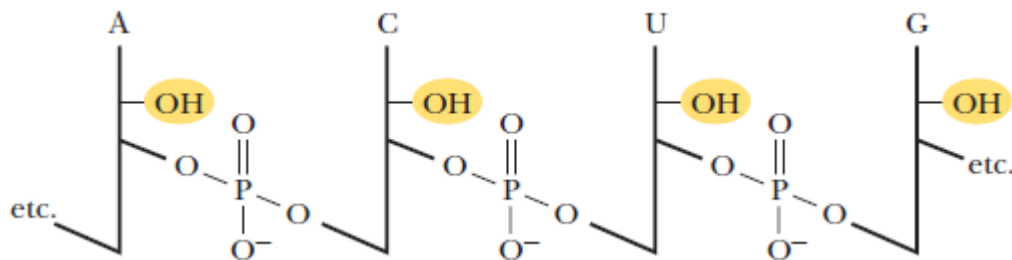




1. DNA contains **2'-deoxyribose**



The presence of the OH at the 2' position makes RNA susceptible to **alkaline hydrolysis**



A nucleophile such as OH^- can abstract the H of the 2'-OH, producing 2'-O $^-$ which attacks the δ^+ Phosphate of the phosphodiester bridge: