

Compared with insulin loaded nanoparticles formula, the gut sacs of normal rat were contained larger insulin amount than gut sacs of diabetic. Significance was obtained at 40, 60 min ($p < 0.05$) (Figure 3.9)

In (Figure 3.10), the largest insulin levels were obtained with gut sacs of diabetic rat placed in Rh-insulin solution when compared with gut sacs of normal rat. The significance amounts were obtained at 20, 40 min ($p < 0.05$).