



(Figure 3.8): Intestinal absorption of insulin from oral insulin formula and Rh-insulin solution in diabetic rat after 60 min incubation by everted gut sac experiment. Data are as mean of 10 sacs \pm SEM. (*: $p < 0.05$)

(Table 3.4): Insulin Level (μ IU/ml) present in serosal fluid of gut sacs in diabetic rat for Rh-insulin solution and insulin-loaded nanoparticle formula.

Time	20	40	60
Rh-insulin solution	7388 \pm 850	19675 \pm 3245	8275 \pm 841
Oral insulin formula	233 \pm 71	138 \pm 30	146 \pm 101