



(Figure 3.7): Intestinal absorption of insulin from oral insulin formula ■ and Rh-insulin solution ■ in normal rat after 60 min incubation by everted gut sac experiment. Data are as mean of 10 sacs \pm SEM. (*: $p < 0.05$, **: $p < 0.001$)

(Table 3.3): Insulin Level (μ IU/ml) present in serosal fluid of gut sacs in normal rat for Rh-insulin solution and insulin-loaded nanoparticle formula.

Time	20	40	60
Rh-insulin solution	1976 \pm 403	3729 \pm 658	7134 \pm 866
Oral insulin formula	369 \pm 104	520 \pm 126	2279 \pm 462