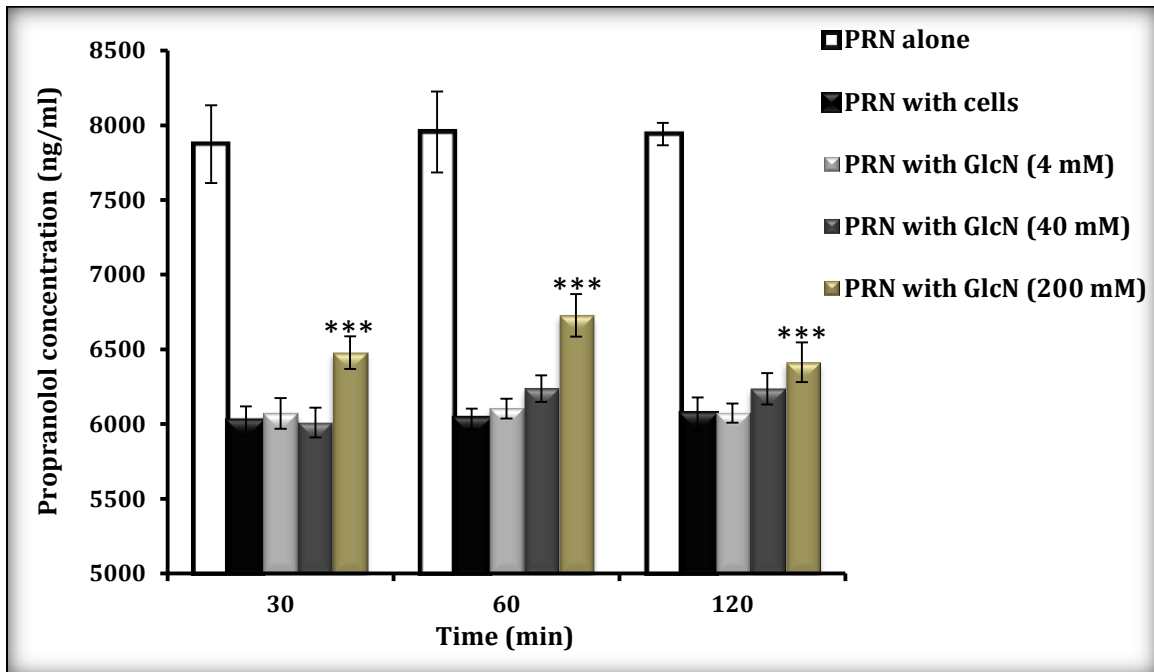


### 3.7 Hepatocyte cell isolation and culture

#### 3.7.1 Effect of GlcN on PRN metabolism

Interestingly, dose dependent increase in PRN was only significant at 200 mM of post incubation ( $p < 0.001$ ). The maximum value for PRN with GlcN at 60 min was  $6728 \pm 143$  ng/ml, whereas PRN with 40 mM GlcN gave the lowest value of  $6011 \pm 99$  ng/ml at 30 min (**Figure 3.24**).



**Figure 3.24** Propranolol concentration versus time profiles in hepatocyte cell isolation and culture. Cells were cultured with 20  $\mu$ M of propranolol with 40 mM glucosamine, glucosamine high and low concentrations of 200 mM and 4 mM, respectively, for 120 min. The data are presented as mean  $\pm$  SEM (\*\*\*,  $p < 0.001$ ).