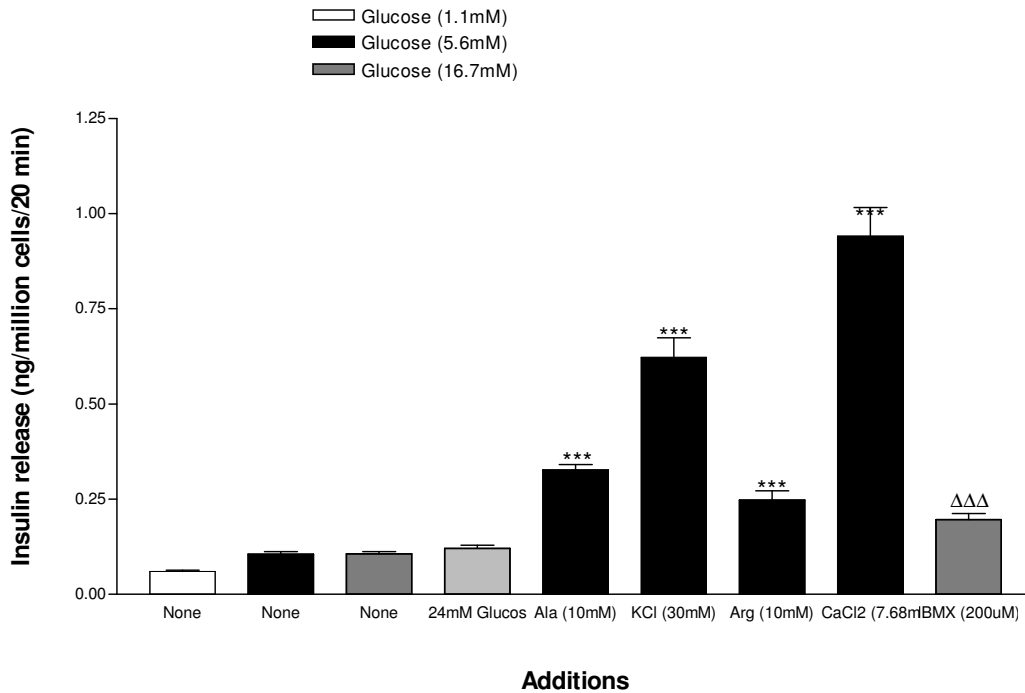




**Effect of various secretagogues on insulin release from ECACC 1.1B4 cells**



Values are mean  $\pm$  S.E. \*\*\*  $P < 0.001$  compared to respective control at 5.6mM glucose. □□  $P < 0.001$  compared to respective control at 16.7mM glucose. As shown in the above figure, 1.1B4 cells showed significant and appropriate insulin responses when acutely incubated at various concentrations of glucose alone and in combination with established stimulators or inhibitors of insulin secretion.