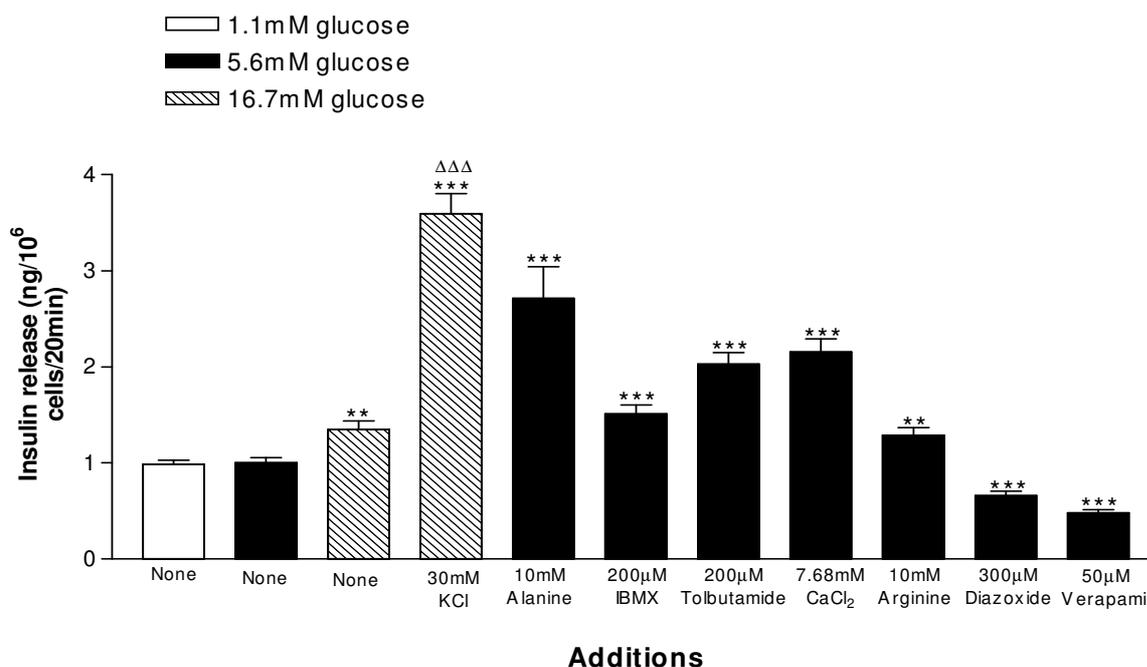




Effects of various secretagogues on insulin secretion from BRIN-BD11 cells (ECACC [10033003](#); passage 21)



Values are Mean \pm SEM (n =8) of insulin released in 20 min static incubations with glucose alone and in the presence of agents indicated above. **P<0.01, ***P<0.001 compared to 5.6mM glucose and $\Delta\Delta\Delta$ P<0.001 compared to 16.7mM glucose. As shown in the above figure, BRIN-BD11 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. Further information on these cells and experimental protocols can be found in: McClenaghan, et al. (1996) Characterization of a novel glucose-responsive insulin-secreting cell line, BRIN-BD11, produced by electrofusion. Diabetes 45: 1132-1140.