



*Figure 5.* Comparison of the effects of MK-801/HU-580 in the CB1R (top) and 5-HT1AR (bottom) ELISA in pooled (left graphs) and sex separated (right graphs) analysis; average ( $\pm$ SEM) concentration (pg/ml). Top: MK-801 (0.3mg/kg, i.p.) daily for 17 days induced down-regulation of the CB1Rs in the PFC of female mice. Both low-dose (0.01ug/kg, i.p.) and high-dose (0.05ug/kg, i.p.) HU-580 treatment blocked the down regulation effects of MK-801. Bottom: MK-801 daily for 17 days induced down regulation of the 5-HT1ARs in the PFC. Both low-dose and high-dose HU-580 treatment blocked the down regulation effects of MK-801.