



Supplemental Figure 5. Multiple proinflammatory cytokines and chemokines were induced in K562 lysis assay when the PBMC were prestimulated with PSK. PBMC were pretreated with PSK (10 and 100 $\mu\text{g/ml}$) or PBS for 48 hr prior to the 4 hr co-incubation with the target K562 cells. Culture supernatant from the 4 hr incubation was collected and the cytokine/chemokine levels were analyzed by Luminex. Shown are mean \pm SD of cytokine levels in duplicate culture wells. *, $p < 0.05$; **, $p < 0.01$; ***, $p < 0.001$ between PSK (10 or 100 $\mu\text{g/ml}$) and PBS group using ANOVA analysis with Tukey's post test. Similar results were obtained from 4 independent experiments using PBMC from different donors.