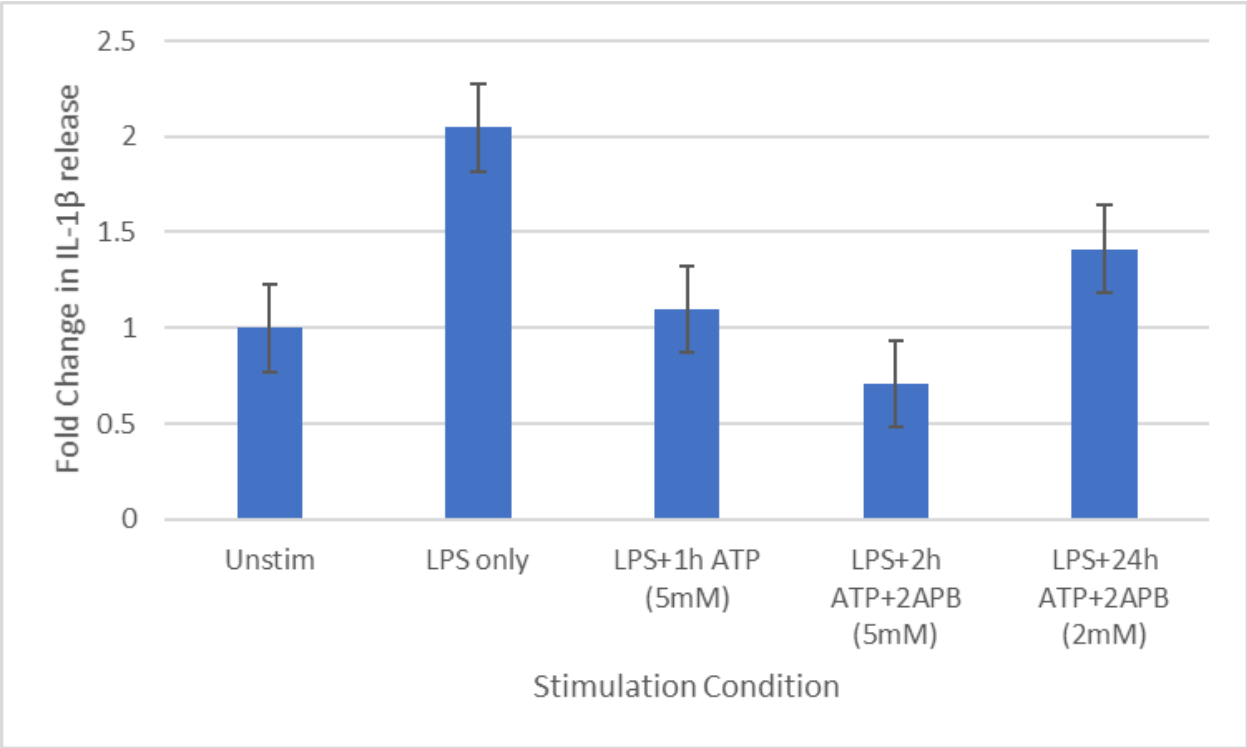
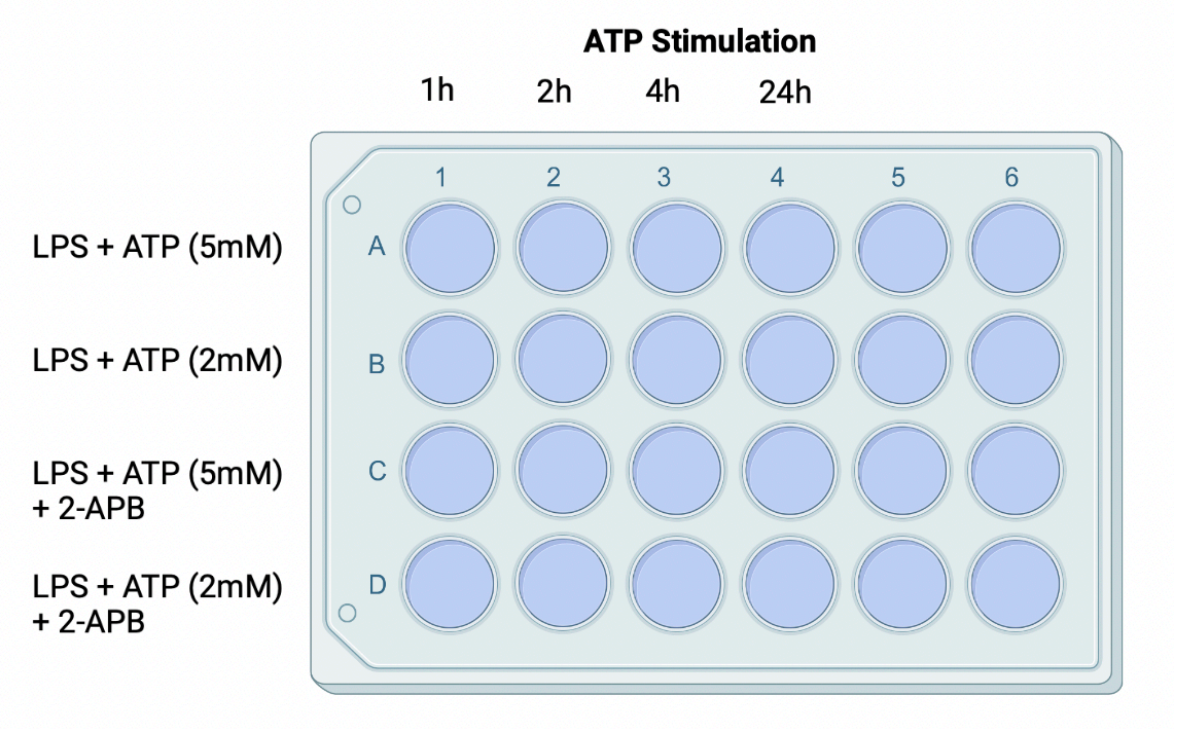


Supplemental Figure 1. Fold change of IL-1β release in response to various ATP concentrations. Cells were cultured and stimulated in a 24-well plate and stimulated using 5mM or 2mM ATP. Cells were stimulated with ATP for either 1h, 2h, 4h or 24h. Identical conditions were stimulated with the addition of 2-APB. An ELISA assay was performed to measure IL-1β from supernatants of cell cultures and fold change in protein concentrations using the unstimulated condition was graphed. Protein concentrations for all other conditions were too low for fold change analysis, so only these conditions were included.



Supplemental Figure 2. Experimental design of ELISA assay. Cells were seeded at a density of 50,000 cells/mL, where 1mL was added into each well. Cells were incubated overnight in an incubator with 5% CO2 at 37 °C until sufficient confluency was reached. LPS, ATP and 2-APB were added accordingly to wells as shown in the diagram at the appropriate time points.