**The effect of Dexmedetomidine on inflammatory inhibition and microglial polarization in BV-2 cells**

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**Supplemental result**

1. **Effects of Dex on the viability of BV-2 cells.**



Supplemental figure 1. Effects of Dex on BV-2 cell viability. BV-2 cells were cultured with different concentrations of Dex (1, 10 and 30 ng/mL) for 6 h. Cell viability was assessed using a MTS assay. The values are presented as the means ± SEM of three independent experiments (n=3). #*P*<0.05 vs. Control group.