

Polyvinyl alcohol/chitosan and polyvinyl alcohol/Ag@MOF bi-layer hydrogel for tissue engineering applications

3. Results and Discussion

3.1. Ag Ion Release of the Bilayer

The results shown in Figure S1 demonstrate that PVA/Ag@MOF possessed the maximum amount of release. In addition, the release amount of bilayer and PVA/Ag@MOF was 17.24 and 45.13 $\mu\text{g}/\text{cm}^2$, respectively, at 24 h. The cytotoxicity is marginal when the amount of release is small.

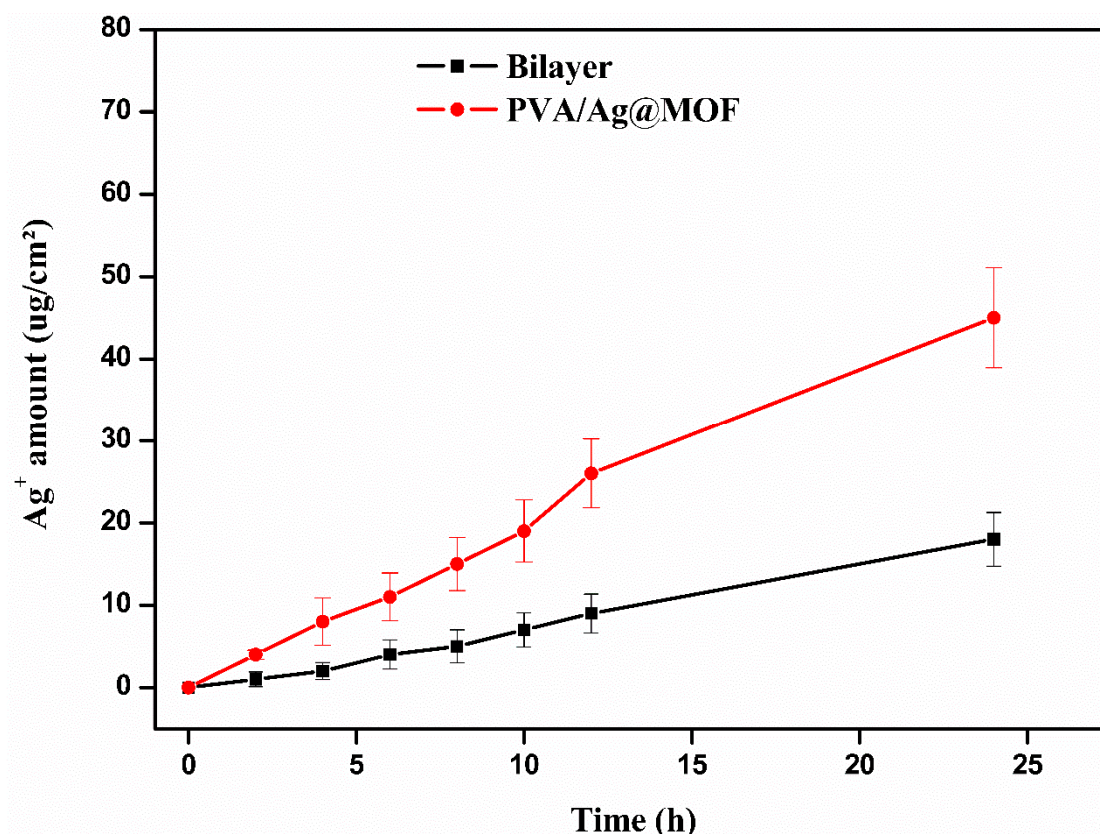


Figure S1. Cumulative release profiles of Ag.



Figure S2. digital image of bilayer.