# Evaluating the Effect of Tissue Selection on the Characteristics of Extracellular Matrix Hydrogels from Decellularized Porcine Bladders

**Supplementary Materials 1:** The following are available online at www.mdpi.com/xxx/s1, Figure S1: Decellularization confirmation. Table S1: Turbidimetric analysis of the UBM hydrogel. Table S2: Turbidimetric analysis of the sECM hydrogel. Table S3: Turbidimetric analysis of the WB hydrogel.

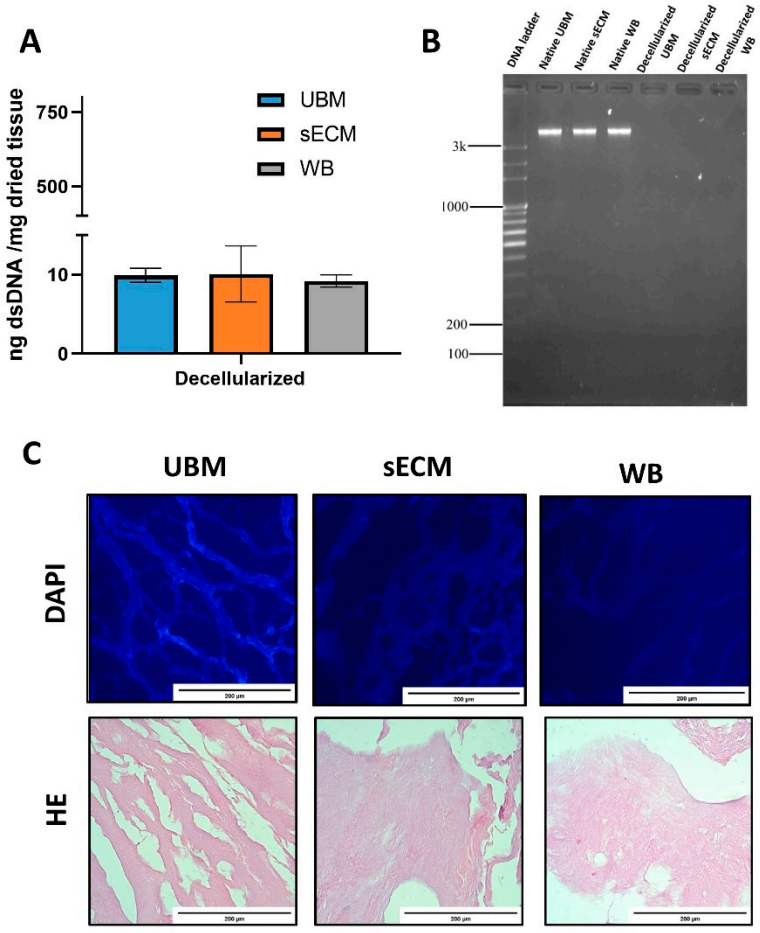



**Figure S1.** Decellularization confirmation

**Table S1:** Turbidimetric analysis of the UBM hydrogel gelation kinetics (n=3).

| Hydrogel concentration | Speed ($min^{-1}$) | $t_{lag}$ (min) | $t_{1/2}$ (min) | $t_{95}$ (min) |
|---|---|---|---|---|
| 4 mg/ml | 0.043 (±00064) | 14.10 (±0.19) | 25.32 (±2.00) | 35.96 (±3.21) |
| 6 mg/ml | 0.038 (±0.0058) | 15.70 (±1.66) | 28.52 (±3.07) | 40.89 (±5.84) |
| 8 mg/ml | 0.029 (±0.0012) | 17.57 (±1.21) | 33.83 (±1.96) | 48.70 (±3.25) |

**Table S2:** Turbidimetric analysis of the sECM hydrogel gelation kinetics (n=3).

| Hydrogel concentration | Speed ($min^{-1}$) | $t_{lag}$ (min) | $t_{1/2}$ (min) | $t_{95}$ (min) |
|---|---|---|---|---|
| 4 mg/ml | 0.065 (±00033) | 17.80 (±0.97) | 25.61 (±0.65) | 33.26 (±1.54) |
| 6 mg/ml | 0.053 (±0.0068) | 19.44 (±0.75) | 29.18 (±1.84) | 38.75 (±3.47) |

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|---|---|---|---|---|
| 8 mg/ml | 0.037 (±0.0019) | 21.07 (±0.79) | 35.23 (±0.71) | 49.47 (±2.23) |

**Table S3:** Turbidimetric analysis of the WB hydrogel gelation kinetics (n=3).

| **Hydrogel concentration** | **Speed ($min^{-1}$)** | **$t_{lag}$ (min)** | **$t_{1/2}$ (min)** | **$t_{95}$ (min)** |
|---|---|---|---|---|
| 4 mg/ml | 0.051 (±0.0054) | 19.69 (±0.74) | 29.30 (±0.75) | 36.92 (±2.31) |
| 6 mg/ml | 0.041 (±0.0042) | 20.37 (±0.54) | 32.71 (±1.67) | 42.58 (±2.78) |
| 8 mg/ml | 0.023 (±0.0060) | 21.95 (±1.72) | 36.72 (±0.89) | 51.17 (±1.80) |