materials

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Supplementary materials

Evaluation of Drug-Loading Ability of Poly(Lactic Acid)/ Hydroxyapatite Core–shell Particles

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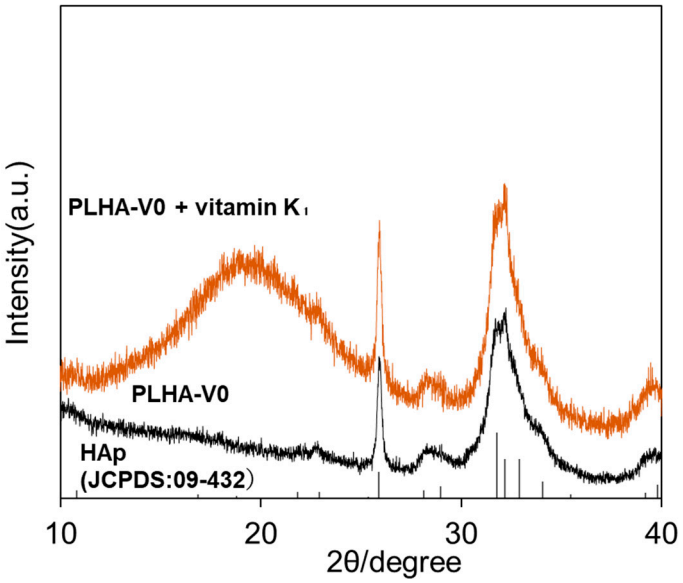

Figure S1. XRD patterns of PLHA-V0 and PLHA-V0 + vitamin K_1 mixture.

6 mg of PLHA-V0 and 3 mg of vitamin K_1 (liquid) was mixed for XRD measurement with non-reflective sample plate. The XRD conditions were as follows: CuKα radiation (40 kV, 30 mA), 2.0 deg/min, and a 2θ range of 3°–60° (XRD; Rigaku, SmartLab). A halo peak at 18° was observed in the mixture of PLHA-V0 and vitamin K_1. Thus, the halo peak originated from vitamin K_1 as an amorphous status.