

Abstract

Nanofiber construct and method thereof

The present invention provides a composite nanofiber construct comprising: at least a first nanofiber comprising at least a polymer and at least a calcium salt nanoparticle, wherein the ratio of polymer to calcium salt nanoparticle is between the range of 99:1 and 10:90 weight percent; and at least a second nanofiber comprising at least a polymer and at least a calcium salt nanoparticle, wherein the ratio of polymer to calcium salt nanoparticle is between the range of 100:0 and 70:30 weight percent. The present invention also provides a method of preparing the composite nanofiber construct.

Fig. 2



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