

ABSTRACT

PHARMACEUTICAL COMPOSITION FOR TREATING WOUND REPAIR AND PREPARATION METHOD THEREOF

The present invention can provide a pharmaceutical composition for treating wound repair and a preparation method thereof. The pharmaceutical composition at least includes an extracellular vesicle, insulin, and a plurality of growth factors, wherein the concentration of the extracellular vesicle in the pharmaceutical composition is $(57.53 \pm 3.79) \times 10^8$ particles/mL; the concentration of the insulin in the pharmaceutical composition is $34,870.83 \pm 7,335.13$ mU/L; these growth factors are ANGPTL4, HGF, G-CSF, PDGF-AA, VEGF-A, IL-18BP α , COMP, MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-10, and MMP-12; and the extracellular vesicle contains a CLU protein, a TIMP1 protein and a YWHAB protein.

Figure 3