

BIORAN Exosome A.V

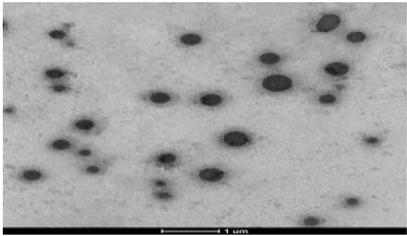
(INCI : Aloe Vera Vesicles)

Introduction

Exosomes are a kind of extracellular vesicles (EVs) that are produced in cells and are biological nanoparticles of 20 to 200 nm in size. BIORAN Exosome A.V is a product made with INKOS' extraction technology. They has excellent penetration of active ingredients deep into the dermal layer.

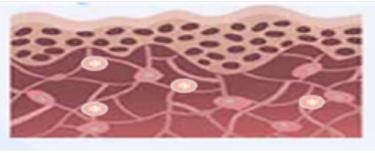
01

Aloe vera useful ingredients Exosome [TEM PIC.]



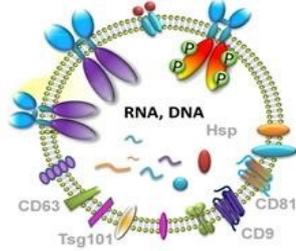
02

High absorption Due to the Small particle size



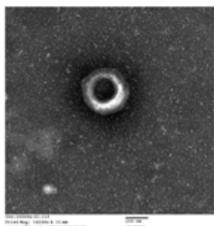
03

Intercellular messenger, Exosome

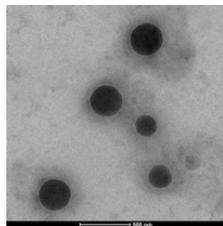


Efficacy test

1. BIORAN Exosome A.V's Exosome [TEM PIC.]



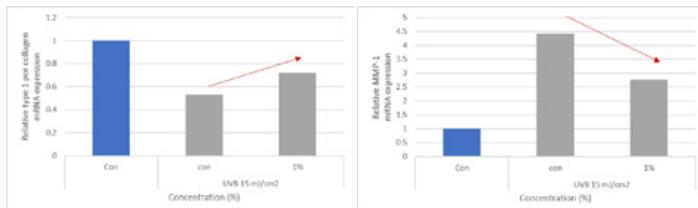
Origin of bean Exosome From Other company



INKOS's Origin of Aloe vera Exosome

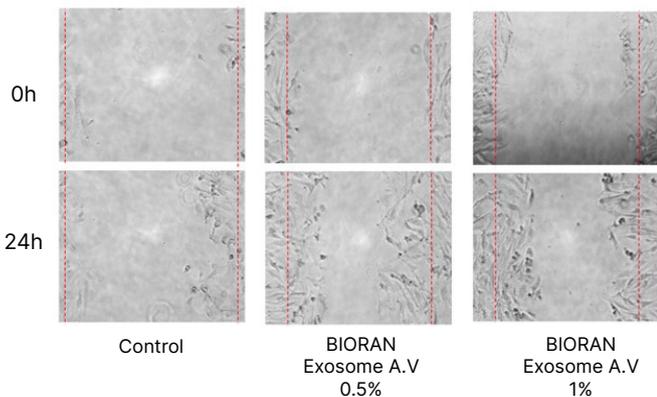
Check INKOS Origin of Aloe vera Exosome

2. BIORAN Exosome A.V's Collagen production and Wrinkle improvement

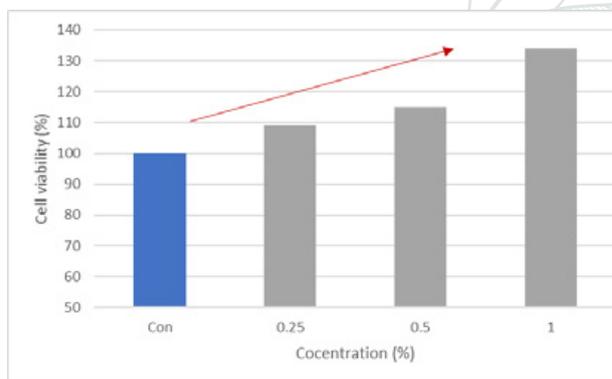


Increased Collagen type 1 and decreased MMP-1 damaged by UVB at the gene level → Wrinkle improvement effect

3. Promotion skin regeneration Of BIORAN Exosome A.V



Increase cell proliferation by Exosome in cells damaged by scratch in HDF cells → Promote skin regeneration



In HDF cells, exosome-treated groups induce significant concentration-dependent cell proliferation → Promote skin regeneration