

# SVF Isolation Package

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# Beauty Cell

## Stem Cell Multi Workstation

Centrifuge, Shaking Incubator, Clean Bench  
in one equipment

Minimize the risk of contamination during stem cell isolation or biological application.  
Enjoy all-in-one station for the efficiency.

### • Specification



#### Clean Bench

Main Filter	-	Hepa filter 00.00%, efficiency on particles of 0.3μm
Exhaust Filter	-	Hepa filter 00.00%, efficiency on particles of 0.3μm
Sterilization Lamp	-	U.V 20Wx2ea

#### Centrifuge

Max RPM	-	5,000rpm
Max Force	-	4,612xg
Max Capacity	mL	480mL, 15mLx32Tubes (Swing rotor)
Temp. range	℃	-
Main Controller	-	Digital PID controller
Drive System	-	Inverter Motor Drive
Timer	-	99hrs 59min & hold run

#### Shaking Incubator

Temp Range	℃	Ambient +5℃~60℃
Speed Range	rpm	30~300 rpm
Plate Size	mm	250x310mm
Time Range	-	Continuous or up to 99h 59min
Display	-	LED Display
Controller	-	Digital PID controller

#### Dimension & Power

Work Space	mm	900x640x620(H)mm
Overall	mm	900x790x1920(H)mm
Power	V/Hz	110/220V, 50/60Hz, 800W



# STEMPIA KIT

## SVF Isolation Kit



## Simple & Easy Isolation

SVF isolation process is simplified to allow anyone to conduct SVF isolation easily.

## Low Risk of Contamination

Since fat tissue and cells are not exposed to external environment during isolation, the risk of contamination is minimized.

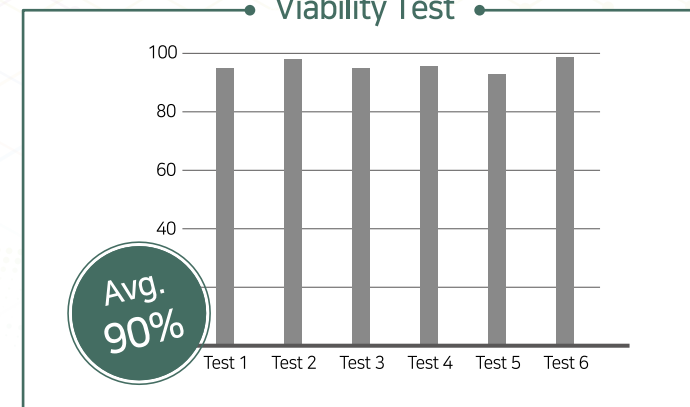
## High Quality

The quality of cell treatment is upgraded by high cell viability (average. 90%) and cell yield rate (50 million SVF extractable by using single set of Stempia Kit from 40mL fat tissue) of Stempia Kit.

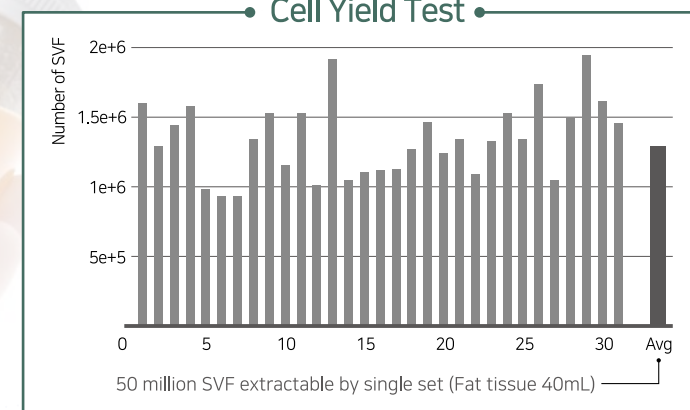
## Cost Saving

Cost is greatly saved by decreasing the numbers and types of necessary consumables.

### • Viability Test •



### • Cell Yield Test •



# LED CELL ACTIVATOR



Improves the effect of treatment by activation cells and growth factors

According to the experiment result of N-BIOTEK R&D center, it has been confirmed that concentrations of growth factors in PRP were increased after exposing 3 types of LED Cell Activator for 15 min.

## Easy and Effective Stem Cell Treatment by SVF Package



01 Liposuction



02 Prepare Stempia Kits and other materials



03 Decompose fat tissue by using 1st kit, collagenase, shaking incubator



04 Isolate SVF by using centrifuge



05 Wash SVF by using 2nd kit and normal saline



06 Collect SVF



07 Activate SVF by using LED Cell Activator