

Product Description

Human stromal vascular fraction (hSVF) is freshly isolated heterogeneous cell fraction derived from native adipose tissue or liposuction aspirates from normal donors, patients with Obesity (BMI>30) or Type 2 Diabetes ^[1]. SVF contains mature cells (e.g., fibroblasts, smooth muscle, endothelial, blood cells), progenitor cells (e.g., preadipocytes and endothelial, vascular, and hematopoietic progenitors), and, most importantly, stem cells (e.g., mesenchymal and hematopoietic stem cells, pericytes, and supra-adventitial cells), which are also known as adipose tissue-derived stromal cells (ADSCs) ^[2]. SVF has attracted substantial attention for its potential use in regenerative medicine in various fields, including internal medicine, orthopedics, plastic and general surgery, and wound healing ^[3].

iXCells Biotechnologies provides SVF from human subcutaneous white fat tissue by enzymatic isolation and cryopreserved at P0, with e 1.0 million cells/vial (Normal) or 0.5 million cells/vial (Diseased). These cells are negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast, and fungi.

Product Details

Tissue	SVF from human adipose tissues of obesity donors (BMI > 30)
Package Size	0.5 million cells/vial
Passage Number	P0
Shipped	Cryopreserved
Storage	Liquid nitrogen
Growth Properties	Adherent
Media	Adipose-Derived Stem Cell Attachment Medium (Cat# MD-0002) Adipose-Derived Stem Cell Growth Medium (Cat # MD-0003)

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