

PrimaPure™

Smooth Muscle Cell Freezing Medium



A division of Gene Therapy Systems, Inc.

Catalog #	Description/Content	Amount
PR04050S	PrimaPure™ Smooth Muscle Cell Freezing Medium	50 ml

Related PrimaPure Products	Catalog #
Dermal Microvascular Endothelial Cells (HMVEC), Adult	PH10005A
Dermal Microvascular Endothelial Cells (HMVEC), Neonatal	PH10005N
Epidermal Keratinocytes (HEK), Adult	PH10205A
Epidermal Keratinocytes (HEK), Fetal	PH10205F
Epidermal Keratinocytes (HEK), Neonatal	PH10205N
Fibroblasts (HDF), Adult	PH10605A
Fibroblasts (HDF), Neonatal	PH10605N
Umbilical Vein Endothelial Cells (HUVEC)	PH20005N
Coronary Artery Endothelial Cells (HCAEC), Adult	PH30005A
Pulmonary Artery Endothelial Cells (HPAEC), Adult	PH30205A
Aortic Endothelial Cells (HAOEC), Adult	PH30405A
PrimaPure Preadipocytes (HPAd), Heart, Adult	PH80205A
PrimaPure Preadipocytes (HPAd), Subcutaneous, Adult	PH80305A

INTRODUCTION

PrimaPure™ Smooth Muscle Cell Freezing Medium is ideal for refreezing PrimaPure human or animal smooth muscle cells after aliquoting the cells into the desired quantities. The medium is optimized to maintain optimal cell health and viability upon thawing.

MATERIALS AND METHODS

1. Trypsinize the cells as in Section IV. Steps C1-C11 of the PrimaPure smooth muscle cells instruction manual.
2. Flick the tip of the conical tube with your fingers to loosen the pellet.
3. Resuspend the cells in Freezing Medium at $5-10 \times 10^5$ cells per ml.
4. Aliquot 1 ml of cells per cryovial.
5. Freeze the cells slowly by placing the cryovials in a styrofoam box with lid closed in -80° freezer overnight.
6. Transfer the frozen cryovials of cells to liquid nitrogen.