

Primary Cells

Human Cancer - Whole Peripheral Blood Collected with EDTA, Fresh



Scientists Helping Scientists™ | WWW.STEMCELL.COM

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

Product Description

Whole peripheral blood (PB) is obtained from donors diagnosed with cancer using Institutional Review Board (IRB)-approved consent forms and protocols.

Donor Status: Cancer

Characterization Criteria: Primary cancer type, stage, donor ID, cell processing date, age, sex, ethnicity, weight, height, smoking status, blood type, anticoagulant, current treatments, other information

Format: Product is drawn directly into a Vacutainer® tube containing anticoagulant.

Anticoagulant: Ethylenediaminetetraacetic acid (EDTA)

For donor details, refer to the lot-specific Certificate of Analysis.

Ordering Information

CANCER TYPE	CATALOG #
Bladder Cancer	200-0275
Breast Cancer	200-0276
Cervical Cancer	200-0277
Colorectal Cancer	200-0278
Endometrial Cancer	200-0279
Esophageal Cancer	200-0280
Gastric Cancer	200-0281
Head and Neck Cancer	200-0282
Kidney Cancer	200-0283
Liver Cancer	200-0284
Lung Cancer	200-0285
Melanoma	200-0286
Ovarian Cancer	200-0287
Pancreatic Cancer	200-0288
Prostate Cancer	200-0289
Solid Tumor Cancer	200-0401

Stability and Storage

Product is shipped at ambient temperature and should be used or processed immediately upon receipt.

Precautions

Donor Screening: Donors are screened for HIV-1, HIV-2, hepatitis B, and hepatitis C.

Donors have been tested and found to be negative for HIV-1, HIV-2, hepatitis B, and hepatitis C prior to donation. A negative result indicates that donor viral testing was found to be negative upon initial donor screening. The date of most recent viral testing is indicated on the Certificate of Analysis.

As testing cannot completely guarantee that the donor was virus-free, THIS PRODUCT SHOULD BE TREATED AS POTENTIALLY INFECTIOUS and only be used following appropriate handling precautions such as those described in biological safety level 2. When handling this product, do not use sharps such as needles and syringes.

STEMCELL cannot guarantee the biological function or any other properties associated with performance of cells in a researcher's individual assay or culture systems. STEMCELL assures the cells will meet the specifications only when assessed, before washing, by our test methods.

FOR IN VITRO RESEARCH USE ONLY. NOT APPROVED FOR DIAGNOSTIC, THERAPEUTIC, OR CLINICAL APPLICATIONS. NOT APPROVED FOR HUMAN OR VETERINARY USE IN VIVO.

Handling/Directions for Use

IMPORTANT: To determine the number of cells provided, a cell count must be done upon receipt and before any processing steps (e.g. washing). Cell loss is expected during wash steps and may be up to 30%. Use sterile technique when processing cells.

Remove a 20 μ L aliquot of cells for counting. Appropriately dilute in Trypan Blue (to assess viability) or 3% Acetic Acid with Methylene Blue (to assess nucleated cells). Adjust the dilution if there are more than 100 cells per square of the hemocytometer. See Tips section for more details on performing cell counts with a hemocytometer.

Tips

For a protocol on performing total nucleated cell counts using a hemocytometer, refer to <https://www.stemcell.com/how-to-count-cells-with-a-hemocytometer>.

Accessory Products

PRODUCT NAME	CATALOG #
Trypan Blue	07050
3% Acetic Acid with Methylene Blue	07060
Ammonium Chloride Solution	07800
Lymphoprep™	07801
SepMate™-50 (IVD)	85450
SepMate™-50 (RUO)	86450

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2022 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, Scientists Helping Scientists, and SepMate are trademarks of STEMCELL Technologies Canada Inc. Vacutainer is a registered trademark of Becton, Dickinson and Company. Lymphoprep is a trademark of Serumwerk Bernburg AG. The products sold under the Lymphoprep brand name are also manufactured by Serumwerk Bernburg AG. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.