

Datasheet for CB-0201**Ferry Colon Cancer Cell Model****Overview**

Description:	Ferry Colon Cancer Cell Model - CB-0201
Item No.:	CB-0201
Size:	1 Each

Product Details

Background:	Ferry Colon Cell Model originates from adenocarcinoma of the large intestine of a 55-59 yr old Caucasian female collected in the United States in 2013. STR Profile: AMEL: X; CSF1PO: 10, 11; D13S317: 9, 10; D16S539: 10, 12; D18S51: 14, 18; D21S11: 28; D3S1358: 15; D5S818: 11, 13; D7S820: 9, 10; D8S1179: 13, 17; FGA: 22, 24; Penta D: 12; Penta E: 13, 17; TH01: 6, 9; TPOX: 8, 10; vWA: 16, 18 . Manufactured by Cellaria, LLC.
Synonyms:	patient derived tumor, tumor models, carcinoma cell lines

Target Details

Purity/Specificity:	All lots are tested for microbial and viral contamination, cell line cross - contamination, mycoplasma, and consistent growth capabilities.
Relevant Links:	Ferry-Cell-Passaging-Protocol-CB-0201 Media_Comparison_Summary-CB-0201

Application Details

Application Note:	Tumor sample diagnosis was confirmed by histology and immunohistochemical detection of tumor markers. Immunofluorescence detection of lineage markers confirm epithelial phenotype using pan-keratin with DAPI overlay. Spontaneous formation of tumorspheres under low-attachment conditions.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Cell Line Data

Cell Line:	Human - Adenocarcinoma of the large intestine
Product Type:	Viable Cells
Stage:	TNM Stage: T3N0MX; Staging Group: IIA
Medium:	RETM Complete with 7% HI-FBS
Sub-culture:	Cells should be maintained ~80% confluent in RETM Media with 7% HI-FBS, 125 uL Cholera Toxin; media change every 2-3 days; seeding density 1.2×10^4 cell per cm^2 .
Incubation:	37°C incubator with 5% CO ₂ and 5% O ₂

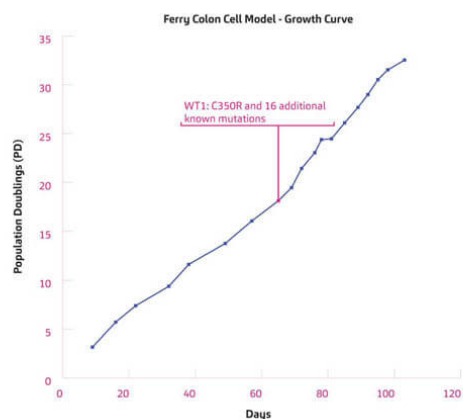
Formulation

Physical State:	Frozen Cell Suspension
Concentration:	1.0 million cells/vial Count By Hemocytometer

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store frozen in liquid nitrogen.
Expiration:	This product MAY be stable for up to four (4) weeks if properly stored and handled.

Images



Diagram

The historical growth curve of Ferry Cell Model demonstrates consistent growth and highlights the lack of cell crisis. This graph also demonstrates that it is a continuous cell line, which was accomplished without genetic engineering.

Disclaimer

No test method can provide total assurance that the hepatitis B virus, hepatitis C virus, human immunodeficiency virus, or any other infectious agents are absent. Thus, all blood products, including purified proteins derived from human blood sources, should be handled at Biosafety Level 2 as recommended by the CDC\NIH manual entitled Biosafety in Microbiological and Biomedical Laboratories for potentially infectious human serum, blood specimens or proteins derived from same. Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis by FDA guidelines. All units were found to be non-reactive/negative for these tests. All human blood source material is collected in FDA licensed centers and is tested with FDA approved test kits.

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.