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Datasheet for CB-0101

Carousel Ovarian Cancer Cell Model

Overview

Description:	Carousel Ovarian Cancer Cell Model - CB-0101
Item No.:	CB-0101
Size:	1 Each

Product Details

Background:	Carousel Ovarian Cell Model originates from endometrioid adenocarcinoma of the ovary of a 65-69 yr old Caucasian female collected in the United States in 2013. STR Profile: AMEL: X; CSF1PO: 10, 11; D13S317: 9, 11; D16S539: 12; D18S51: 14, 15; D21S11: 30, 31.2; D3S1358: 15, 18; D5S818: 11, 12; D7S820: 10, 12; D8S1179: 14; FGA: 19, 26; Penta D: 8, 12; Penta E: 7, 11; TH01: 7, 9; TPOX: 8; vWA: 18, 19. 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:	• Carousel-Cell-Passaging-Protocol-CB-0101 • Media_Comparison_Summary-CB-0101

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 CK7 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 - Endometrioid adenocarcinoma of the ovary
Product Type:	Viable Cells
Stage:	TNM Stage: T1cN0M1; Staging Group: IV
Medium:	RETM Complete with 7% HI-FBS
Sub-culture:	Cells should be maintained ~80% confluent in RETM Media with 7% HI-FBS, 100 nM Estrogen, 125 uL Cholera Toxin; media change every 2-3 days; seeding density 1.2x10^4 cell per cm2.
Incubation:	37°C incubator with 5% CO2 and 5% O2

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

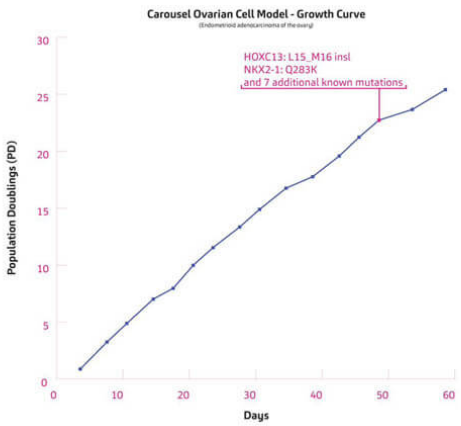


Diagram
The historical growth curve of Carousel Cell Model demonstrates consistent growth and highlights the lack of cell crisis. This graph also demonstrates that it is a continuous cell line, which was accomplished without genetic engineering.

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