

Datasheet for CB-0401**Wood Breast Cancer Cell Model****Overview**

Description:	Wood Breast Cancer Cell Model - CB-0401
Item No.:	CB-0401
Size:	1 Each

Product Details

Background:	Wood Breast Cell Model originates from an infiltrating ductal and lobular carcinoma of the breast of a 65-69 yr old caucasian female collected in the United States in 2013. STR Profile; AMEL: X; CSF1PO: 11, 13; D13S317: 9, 14; D16S539: 12, 13; D18S51: 13, 15; D21S11: 29, 31; D3S1358: 14, 18; D5S818: 11, 12; D7S820: 10, 11; D8S1179: 12, 13; FGA: 24, 26; Penta D: 11, 13; Penta E: 13, 14; TH01: 7, 9; TPOX: 9, 11; vWA: 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:	Wood-Cell-Passaging-Protocol-CB-0401 Media_Comparison_Summary-CB-0401

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 - Infiltrating ductal and lobular carcinoma of the breast
Product Type:	Viable Cells
Stage:	TNM Stage: T2N0M0; Staging Group: IIA
Medium:	RETM Complete with 5% HI-FBS
Sub-culture:	Cells should be maintained ~80% confluent in RETM Media with 5% HI-FBS, 125 uL Cholera Toxin; media change every 2-3 days, seeding density 3×10^4 cell per cm ² .
Incubation:	37°C incubator with 5% CO ₂ in ambient air

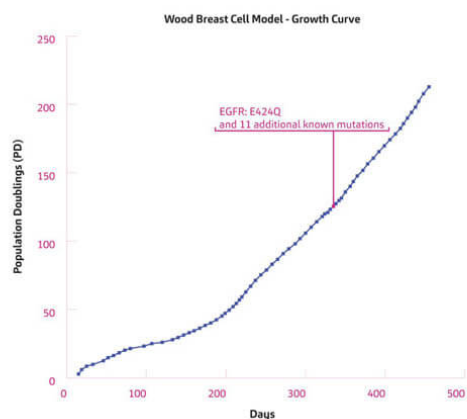
Formulation

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 Wood 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.

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