

The Powder cell model originates from a serous carcinoma of the ovary.



<i>PRODUCT NAME</i>	<i>CATALOG NUMBER</i>	<i>SIZE</i>
Powder Ovarian Cell Model	CB-0111	1 Million Cells per Cryovial



CELL LINE CHARACTERIZATION

AMEL	X	D7S820	9
CSF1PO	11, 12	D8S1179	11, 13
D13S317	12	FGA	22, 23
D16S539	9, 11	Penta D	12, 13
D18S51	14, 19	Penta E	13, 17
D21S11	28, 31.2	TH01	7, 8
D3S1358	14, 16	TPOX	8, 9
D5S818	12	vWA	17, 19

GENE MUTATIONS

Gene	Alteration	Frequency (%)	Exon	Result
SMO	L23dup	28	1	Mutated, Presumed Benign

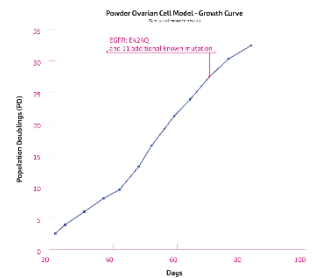


PATIENT PROFILE

Disease Area	Cancer	TNM Stage	T3cN1M1
Tissue Type	Ovary	Staging Group	IV
Clinical Diagnosis	Serous carcinoma of the ovary	Medications	Adderall, Fosamax, Claritin, Calcium Carbonate and Vitamin D, Effexor, Hydrocodone and Acetaminophen, Triamterene
Age	65-69	Country of Collection	United States
Sex	Female	Year of Origin	2013
Ethnicity	Caucasian		

POWDER GROWTH CHARACTERISTICS

The historical growth curve of Powder 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.



CELL LINE PROTOCOL

See <https://www.cellariabio.com/product/powder-cell-model/> for detailed Protocol

Thawing and Plating Instructions: See Certificate of Analysis for lot-specific details

STORAGE AND SAFETY

Storage and Stability: Store frozen in liquid nitrogen.

Quality Control: All lots are tested for microbial and viral contamination, cell line cross-contamination, mycoplasma, and consistent growth capabilities. See Certificate of Analysis for further details.