

# Cancer Cell Lines

Charles River Laboratories has established growth curves for the following cancer cell lines:

## HUMAN CANCER CELL LINES

	Type of Cancer (Disease)	Morphology	Comments
<b>Bladder</b>			
SW-780	Transitional cell carcinoma	Epithelial	Urinary bladder
<b>Brain</b>			
U-87	Glioblastoma: astrocytoma	Epithelial	
<b>Breast</b>			
BT-20	Carcinoma	Epithelial	Estrogen receptor negative
BT-474	Ductal carcinoma	Epithelial	Estrogen receptor positive
MDA-MB-231	Adenocarcinoma	Epithelial	Estrogen receptor negative
<b>Cervix</b>			
HeLa	Adenocarcinoma	Epithelial	
<b>Colon</b>			
HCT 116	Carcinoma	Epithelial	Colorectal
HT-29	Adenocarcinoma	Epithelial	Colorectal
LS 174T	Adenocarcinoma	Epithelial	Colorectal
SW-480	Adenocarcinoma	Epithelial	Colorectal
<b>Kidney</b>			
Caki-2	Clear cell carcinoma	Epithelial	
<b>Leukemia</b>			
HL-60	Acute promyelocytic leukemia	Myeloblastic	Peripheral blood, myc
<b>Liver</b>			
Hep 3B2.1-7	Hepatocellular carcinoma	Epithelial	
<b>Lung</b>			
A549	Carcinoma	Epithelial	
Calu-3	Adenocarcinoma	Epithelial	Pleural effusion
NCI-H441	Papillary adenocarcinoma	Epithelial	
NCI-H460	Large cell carcinoma	Epithelial	Pleural effusion
<b>Ovarian</b>			
NIH:OVCAR-3	Adenocarcinoma	Epithelial	Estrogen receptor, progesterone receptor, and androgen receptor positive
SK-OV-3	Adenocarcinoma	Epithelial	Cisplatin resistant
<b>Pancreas</b>			
MIA PaCa-2	Carcinoma	Epithelial	
PANC-1	Carcinoma	Epithelial	Ductal

(continued on back)

HUMAN CANCER CELL LINES (CONTINUED)

	Type of Cancer (Disease)	Morphology	Comments
<b>Pharynx</b>			
FaDu	Squamous cell carcinoma	Epithelial	
<b>Placenta</b>			
JEG-3	Choriocarcinoma	Epithelial	Progesterone, hCG, human chorionic somatomammotropin
<b>Prostate</b>			
22Rv1	Carcinoma	Epithelial	Androgen receptor positive, expresses prostate-specific antigen (PSA)
DU 145	Carcinoma	Epithelial	PSA negative
PC-3	Adenocarcinoma	Epithelial	
<b>Sarcoma</b>			
A-673	Rhabdomyosarcoma	Fibroblast	Pediatric, muscle
HT-1080	Fibrosarcoma	Epithelial	Connective tissue, ras positive
<b>Skin</b>			
A375	Malignant melanoma	Epithelial	
A431 NS	Carcinoma	Epithelial	Epidermis

**RODENT CANCER CELL LINES**

<b>Murine</b>			
<b>Leukemia</b>			
L1210	Lymphocytic leukemia	Lymphoblast	DBA
<b>Lung</b>			
LL/2 (Lewis Lung)	Carcinoma	Epithelial	C57BL
<b>Skin</b>			
B16-F10	Melanoma	Epithelial	C57BL/6J
<b>Rat</b>			
<b>Pancreas</b>			
AR42J	Carcinoma	Epithelial	Wistar rat