Cell Line Data Sheet for CHLA-25

Disease:	Primitive neuroectodermal tumor (PNET)
Phase of Therapy:	Post-Chemotherapy (Progressive Disease)
Treatment:	Etoposide, ifosfamide, MESNA, vincristine, cyclophosphamide
Disease Stage:	
Gender:	Female
Age at diagnosis:	31 months
Race:	N/A
Age at sample collection:	N/A
Source of Culture:	Solid tumor
Primary Tumor Site:	
Date Established:	May 1989
EWS/FLI1 Status:	FLI1
p53 functionality:	Non-Functional
Karyotype:	
Modal No:	

IC90 (DIMSCAN*):	Vincristine (ng/ml)	Melphalan (µg/ml)	Etoposide (ng/ml)	Rapamycin (ng/ml)
	N/A	N/A	N/A	N/A

Growth Conditions: Please see Protocols section at https://www.cccells.org/protocols.php
5% CO_2, 20% O_2, 37.0°C

Media Formulation: Please see Protocols section at https://www.cccells.org/protocols.php
Cells are grown in a base medium of Iscove's Modified Dulbecco's Medium plus the following supplements (to a final concentration): 20% Fetal Bovine Serum, 4mM L-Glutamine, 1X ITS (5 µg/mL insulin, 5 µg/mL transferrin, 5 ng/mL selenous acid)

Doubling Time: 99 hours
Growth Properties: Round cells, suspended, grow mostly in clumps

STR Profile: May be obtained at https://strdb.cccells.org/

Notes:

Childhood Cancer Repository
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COG resource Laboratory
www.cccells.org

1 / 3

References:

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2 / 3

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Cell Line Name: CHLA-25

Low confluency (10x magnification)

High confluency (10x magnification)

Low confluency (20x magnification)

High confluency (20x magnification)

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3 / 3