Cell Line Data Sheet for CHLA-15

Disease:	Neuroblastoma
Phase of Therapy:	Diagnosis
Treatment:	None
Disease Stage:	4
Gender:	Female
Age at diagnosis:	18 months
Race:	N/A
Age at sample collection:	N/A
Source of Culture:	Primary tumor
Primary Tumor Site:	N/A
Date Established:	April 1988
MYCN Patient:	Non-amplified
MYCN Cell Line	N/A
TH mRNA:	Expressed
p53 functionality:	Functional
Telomere Mechanism	N/A
ALK:	R1275Q
RNAseq:	N/A
WES:	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:	21 hours
Growth Properties:	Adherent, grows as loosely attached monolayer, numerous tight clumps
STR Profile:	May be obtained at https://strdb.cccells.org/
Notes:	COGcell.org has a post-treatment cell line available from this same patient– CHLA-20. The repository has a matching EBV lymphoblastoid cell line – COG-V-448.

All COG Repository cell lines are antibiotic-free, mycoplasma-free, and cryopreserved in 50% FBS / 7.5% DMSO. Each vial label contains the cell line name, passage number, total viable cell count (usually 5-10e6), the overall cell viability, and date frozen. All cell lines are validated with original patient sample by STR analysis.

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Cell Line Name: **CHLA-15**

References:

1. Keshelava N, Seeger RC, Groshen S, Reynolds CP: Drug resistance patterns of human neuroblastoma cell lines derived from patients at different phases of therapy. *Cancer Research*. 58:5396-5405, 1998. PubMed ID: 9850071 https://cancerres.aacrjournals.org/content/58/23/5396.long

2. Keshelava N, Groshen S, Reynolds CP. Cross-resistance of topoisomerase I and II inhibitors in neuroblastoma cell lines. *Cancer Chemoth Pharm.* 45: 1-8, 2000. PubMed ID: 10647494 https://link.springer.com/article/10.1007%2FPL00006736

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4. Keshelava N, Davicioni E, Wan Z, Ji L, Sposto R, Triche TJ, Reynolds CP. Histone Deacetylase 1 Gene Expression and Sensitization of Multidrug-Resistant Neuroblastoma Cell Lines to Cytotoxic Agents by Depsipeptide. *J Natl Cancer I.* 99: 1107-19, 2007. PubMed ID: 17623797 https://academic.oup.com/jnci/article/99/14/1107/938992

5. Grigoryan RS, Yang B, Keshelava N, Barnhart JR, Reynolds CP: Flow cytometry analysis of single strand DNA damage in neuroblastoma cell lines using the F7-26 monoclonal antibody. *Cytom Part A.* 71A:951-960, 2007. PubMed ID: 17879237 https://onlinelibrary.wiley.com/doi/full/10.1002/cyto.a.20458

6. Harned TM, Kalous O, Neuwelt A, Loera J, Ji L, Iovine P, Sposto R, Neuwelt EA, Reynolds CP: Sodium Thiosulfate (STS) administered six hours after cisplatin does not compromise anti-neuroblastoma activity. *Clin Cancer Res.* 14:533-540, 2008. PubMed ID: 18223229 https://clincancerres.aacrjournals.org/content/14/2/533.long

7. Kang MH, Smith MA, Morton CL, Keshlava N, Houghton PJ, Reynolds CP. National Cancer Institute Pediatric Preclinical Testing Program: Model Description for In Vitro Cytotoxicity Testing. *Pediatr Blood Cancer*. 56: 239-249, 2011. PubMed ID: 20922763 (www.PPTPinvitro.org) https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005554/

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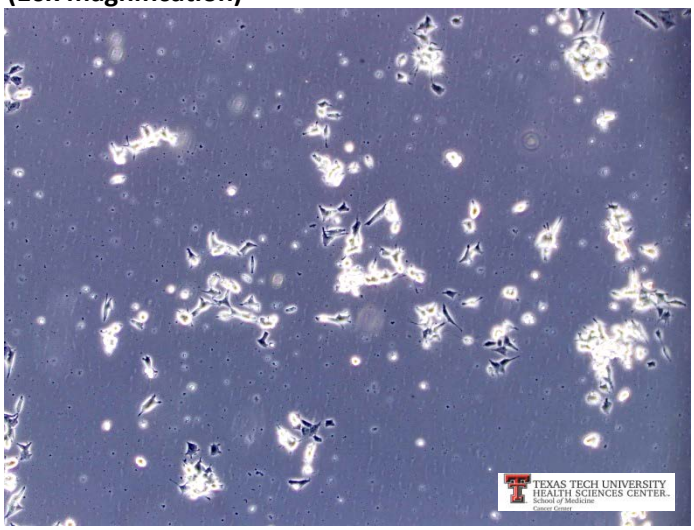
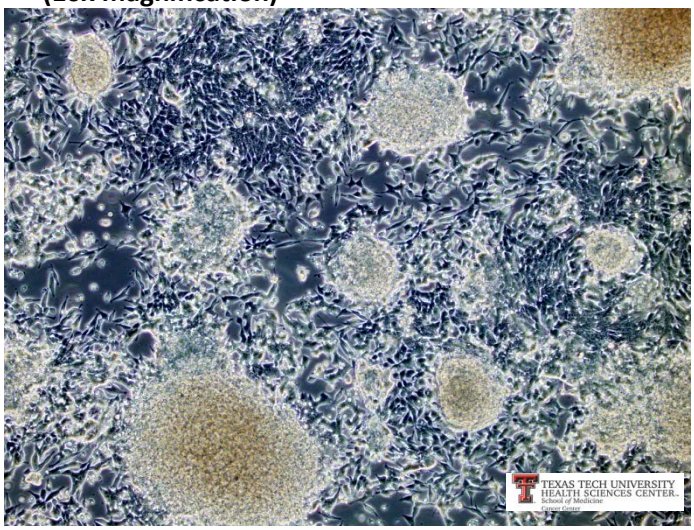
Cell Line Name: **CHLA-15**

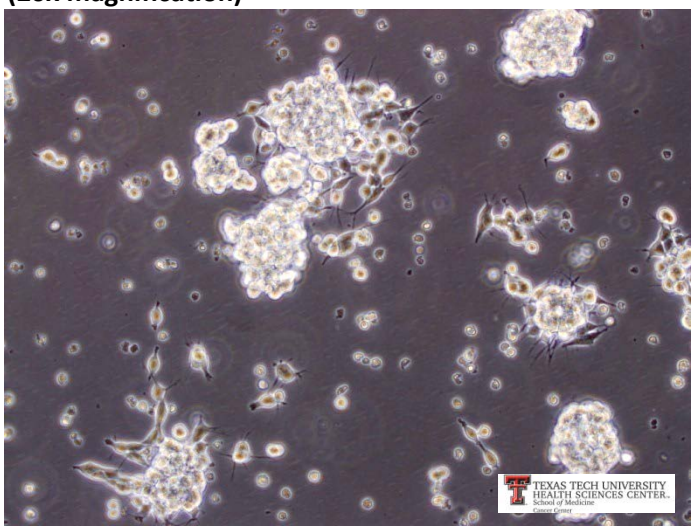
(10x magnification)



(10x magnification)



(20x magnification)



(20x magnification)