



TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER. School of Medicine Cancer Center

Cell Line Data Sheet for COG-N-519

Disease: Phase of Therapy: Treatment: Disease Stage: Gender: Age at diagnosis: Race: Age at sample collection: Source of Culture: Primary Tumor Site: Date Established:	Neuroblastoma Progressive disease, post mortem N/A 4 Male 25 months N/A 32 months Blood Adrenal gland January 2014
MYCN Patient: MYCN Cell line: TH mRNA: p53 functionality: Telomere Mechanism: ALK: RNAseq: WES:	Amplified N/A Expressed N/A N/A N/A N/A
Growth Conditions:	Please see Protocols section at <u>https://www.cccells.org/protocols.php</u> 5% CO ₂ , 20% O ₂ , 37.0°C; 5% CO ₂ , 5% O ₂ , 37.0°C; 5% CO2, 2% O2, 37.0°C
Media Formulation:	Please see Protocols section at <u>https://www.cccells.org/protocols.php</u> 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: Growth Properties:	20% O ₂ -38 hours 5% O ₂ -55 hours 2% O2-63 hours Adherent
STR Profile:	May be obtained at https://strdb.cccells.org/
Notes:	The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O2 available from this same patient – COG-N-519h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O2 available from this same patient – COG-N- 519h2. There is a matching PDX also available from this same patient – COG-N-519x.

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: COG-N-519

References:

 J. L. Harenza, M. A. Diamond, R. N. Adams, M. M. Song, H. L. Davidson, L. S. Hart, M. H. Dent, P. Fortina, C. P. Reynolds, J. M. Maris, Transcriptomic profiling of 39 commonly-used neuroblastoma cell lines. Sci Data. 2017;4:170033. PMID: 28350380 <u>https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5369315/</u>



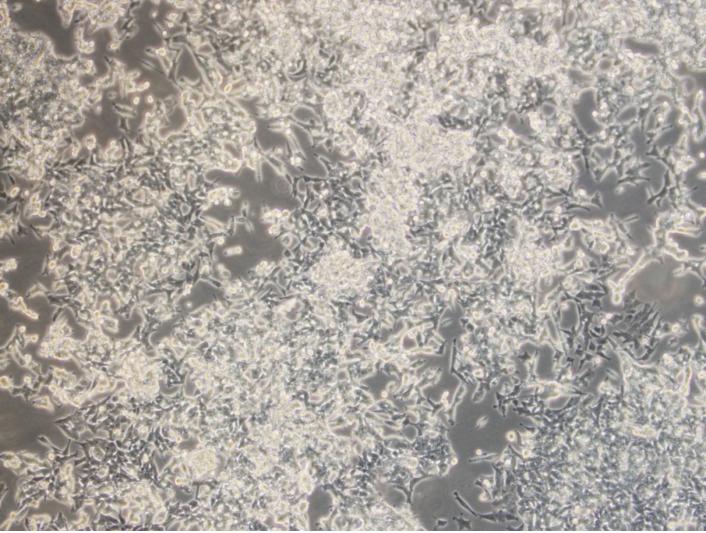


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(10x magnification)



Childhood Cancer Repository Powered by Alex's Lemonade Stand COG resource Laboratory www.cccells.org