

**IDEXX RADIL™****FINAL REPORT OF LABORATORY EXAMINATION**

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[idx-radil@idexx.com](mailto:idx-radil@idexx.com)[www.idexxradil.com](http://www.idexxradil.com)**CASE NUMBER: 12318-2013****RECEIVED ON: 5/7/2013****COMPLETED ON: 5/16/2013****SUBMITTED BY:**

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**SPECIMEN DESCRIPTION:****SPECIES:** Human**DESCRIPTION:** COG-N-415x**NUMBER OF SPECIMENS:** 1**BUILDING/FACILITY:** Cancer Center**AREA:** Cell Line & Xenograft Core

<u>ID</u>	<u>Addl ID</u>	<u>Investigator</u>	<u>Room #</u>	<u>Strain</u>	<u>Sex</u>	<u>Age</u>	<u>Date Placed</u>				
COG-N-415x	794387	C. Patrick Reynolds	MS 9445	nu/nu	F	6-8 weeks	5/3/2013	passage	mouse	2e6	dry pellet
								1	1		

**SERVICES/TESTS PERFORMED** h-IMPACT Profile I

**PCR evaluation for:** EBV, HAdV, Hantaan, HCMV, Hepatitis A, Hepatitis B, Hepatitis C, HHV 6, HHV 8, HIV1, HIV2, HSV 1, HSV 2, HTLV 1, HTLV 2, LCMV, *Mycoplasma* sp., Seoul, Sin Nombre, VZV

**GENERAL COMMENTS:** Patient Derived Xenograft (PDX)**SUMMARY:** All test results were negative.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at [idx-radil@idexx.com](mailto:idx-radil@idexx.com).

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**PCR EVALUATION:**

Specimen: cells	COG-N-415x
EBV	-
HAdV	-
HCMV	-
Hepatitis A	-
Hepatitis B	-
Hepatitis C	-
HHV 6	-
HHV 8	-
HIV1	-
HIV2	-
HSV 1	-
HSV 2	-
HTLV 1	-
HTLV 2	-
VZV	-
Hantaan	-
LCMV	-
<i>Mycoplasma</i> sp.	-
Seoul	-
Sin Nombre	-

(LEGEND: + = positive - = negative id:id = pooled sample blank = test not performed equ = equivocal NT or blank = no test performed sus = suspect wps = weak positive)

## PDX Data Sheet for COG-N-415x

**Disease:** Neuroblastoma  
**Phase of Therapy:** Post-Chemotherapy (Progressive Disease), Post-mortem  
**Treatment:** ANBL00B1 (20090825), ANBL0532 (20090828)  
**Disease Stage:** 4  
**Gender:** Female  
**Age at diagnosis:** 17 months  
**Race:** NA  
**Age at sample collection:** 25 months  
**Source of culture:** Blood April 2010  
**Primary tumor site:** NA  
**Date Established:** September 2010

**MYCN Patient:** Amplified  
**MYCN PDX:** Relative copy number – 431 copies  
**TH mRNA:** Expressed  
**p53 functionality:** NA  
**Telomere Mechanism:** TERT+++ , C-circle negative  
**ALK:** F1174L

**PDX RNAseq:** Available upon request  
**PDX WES:** Available upon request  
**Strain of Mice:** NSG or Athymic NuNu (recommended)  
**Injection Type:** Subcutaneous  
**Growth Properties:** 10e6 cells injected in Athymic NuNu, 2-3 months to 1500mm<sup>3</sup>  
Please see Protocols section at  
<https://www.cccells.org/protocols.php>

**Human vs. Mouse:** This PDX model has been tested and confirmed over multiple passages to be above 97% human cells.

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

**Notes:** The Childhood Cancer Repository has a matching direct-to-culture cell line available from this same patient – COG-N-415. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O<sub>2</sub> available from this same patient – COG-N-415h.

**h-IMPACT Profile I IDEXX:** PCR evaluation of EBV, HAAdV, Hantaan, HCMV, Hepatitis A, Hepatitis B, Hepatitis C, HHV 6, HHV8, HIV1, HIV2, HSV 1, HSV 2, HTLV 1, HTLV2, LCMV, Mycoplasma sp., Seoul, Sin Nombre, VZV were all negative.

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## PDX Data Sheet for COG-N-415x

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**Cell Line Name:** COG-N-415x

**References:**

1. 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  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5369315/>





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## PDX Data Sheet for COG-N-415x

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**PDX Name:** COG-N-415x

**H&E slides**