



# The Great Plains Laboratory, Inc.

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<b>Requisition #:</b>	<b>390013</b>	<b>Physician Name:</b>	<b>JOANNA AGLI CN</b>
<b>Patient Name:</b>	<b>Finn Schureman</b>	<b>Date of Collection:</b>	<b>6/2/2015</b>
<b>Patient Age:</b>	<b>2</b>	<b>Time of Collection:</b>	<b>08:30 AM</b>
<b>Sex:</b>	<b>M</b>	<b>Print Date:</b>	<b>06/16/2015</b>

## Urine Porphyrins

Compound	Results		Range		
	nmol/L	nmol/g CREAT	nmol/g CREAT		
Uroporphyrins (UP)	0.0	0.0	0	-	24
Heptacarboxy (7-CP)	2.5	6.2	0	-	13
Hexacarboxy (6-CP)	0.0	0.0	0	-	4
Pentacarboxy (5-CP)	1.4	3.5	0	-	10
Precoproporphyrin (PreCP)	0.0	0.0	0	-	9
Coproporphyrins I, III (CP)	79.4	193.7	0	-	153

H

CREAT (Creatinine) 0.41 g/L

### Interpretation:

- > High levels of 5-CP, PreCP and CP have been associated with Hg exposure <sup>1, 2, 3</sup>
- > High levels of 6-CP, 5-CP, PreCP and CP were found in Autistic children <sup>4</sup>
- > High levels of UP, and CP have been associated with As, Pb exposure <sup>5</sup>
- > High levels of UP suggestive of Aluminum exposure <sup>6</sup>
- > High levels of UP, and 7-CP strongly increased in Porphyria cutanea tarda <sup>7</sup>
- > High levels of UP, CP strongly increased in either acute intermittent porphyria or porphyria variegata <sup>7, 8</sup>
- > High levels of porphyrins may be caused by genetics, numerous environmental chemicals, drugs, diseases, and alcohol <sup>7, 8</sup>

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5 Fowler, B. A and Mahaffey, K.R. Environ. Health Perspec. 25:87-90 (1978)

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