



NEUROSCIENCE

Improving Health Through The Nervous System

Report ID: 321577

Frank

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Patient Information

NeuroSelect Profile

Sex: Male
Date of Birth: 2/13/1944
Date Collected: 5/13/2009

Test Panel: 9031
Date Received: 5/15/2009
Date Completed: 5/22/2009

Patient:
Frank

Integrative Psychiatry
Valerie Balandra, NP
3392 Magic Oak Lane
Sarasota, FL 34232
USA

Phone:

Provider: Integrative Psychiatry

Laboratory Results as provided by Pharmasan Labs Inc.

Test Parameter	DTI: N/A	DTI: N/A	DTI: 321577	Optimal Range	Therapeutic Range	Observed Range
Epinephrine-Urine *				($\mu\text{g/gCr}$)	($\mu\text{g/gCr}$)	($\mu\text{g/gCr}$)
	N/A	N/A	9.1 (9:30AM) 05/13/09	Day: 8-11 Night: 3-6	Day: 8-12 Night: 1-3	1-25
Norapinephrine-Urine *				($\mu\text{g/gCr}$)	($\mu\text{g/gCr}$)	($\mu\text{g/gCr}$)
	N/A	N/A	39.1 (9:30AM) 05/13/09	Day: 35-45 Night: 15-25	Day: 30-65 Night: 20-30	4.5-93
Dopamine-Urine *				($\mu\text{g/gCr}$) ^Y	($\mu\text{g/gCr}$) ^Y	($\mu\text{g/gCr}$) ^Y
	N/A	N/A	138.4 (9:30AM) 05/13/09	Day: 125-175 Night: 80-120	Day: 200-350 Night: 125-250	48-435
Serotonin-Urine *				($\mu\text{g/gCr}$)	($\mu\text{g/gCr}$)	($\mu\text{g/gCr}$)
	N/A	N/A	220.4 (9:30AM) 05/13/09	Day: 125-175 Night: 100-175	Day: 200-650 Night: 120-250	15-335
Glycine-Urine **				($\mu\text{mol/gCr}$)	($\mu\text{mol/gCr}$)	($\mu\text{mol/gCr}$)
	N/A	N/A	412.4 (9:30AM) 05/13/09	Day: 375-1,250 Night: 350-1,000	N/A	150-11,500
Taurine-Urine **				($\mu\text{mol/gCr}$)	($\mu\text{mol/gCr}$)	($\mu\text{mol/gCr}$)
	N/A	N/A	>8000.0 (9:30AM) 05/13/09	Day: 150-450 Night: 100-250	1,500-7,000	12-7,000

Pharmasan Labs, Inc. - 375 280th Street, Osceola, WI 54020 - Phone 715-294-2144 / Fax 715-294-3921 - www.Pharmasan.com
NeuroScience, Inc. - 373 280th Street, Osceola, WI 54020 - Phone 888-342-7272 / Fax 715-294-3921 - www.NeuroRelief.com

Laboratory tests performed by Pharmasan Labs
CLIA # 52D0914898 - NY Lab PFI # 7426
EIN 39-1841640; Medicare Provider # 89065.

Interpretation and recommendation provided by NeuroScience Inc.
* Assays developed by Pharmasan Labs, ** for research purposes ONLY
QNS = Sample Quantity Not Sufficient, SQC = Sample Quality Compromised

These tests are not intended to diagnose, treat, cure, or prevent any disease or replace medical advice and/or treatment obtained from a qualified healthcare provider.



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Test Parameter	DTI: N/A	DTI: N/A	DTI: 321577	Optimal Range	Therapeutic Range	Observed Range
GABA-Urine *	N/A	N/A	6.3 (9:30AM) 05/13/09	(<i>umol/gCr</i>) Day: 1.5-4.0 Night: 1-3	(<i>umol/gCr</i>) Day: 5-10 Night: 5-8	(<i>umol/gCr</i>) 0.5-18
Glutamine - Urine **	N/A	N/A	277.9 (9:30AM) 05/13/09	(<i>umol/gCr</i>) Day: 150-400 Night: 100-350	(<i>umol/gCr</i>) N/A	(<i>umol/gCr</i>) 55-715
Glutamate - Urine **	N/A	N/A	21.8 (9:30AM) 05/13/09	(<i>umol/gCr</i>) Day: 15-35 Night: 10-25	(<i>umol/gCr</i>) N/A	(<i>umol/gCr</i>) 3-125
PEA-Urine **	N/A	N/A	50.5 (9:30AM) 05/13/09	(<i>nmol/gCr</i>) Day: 30-70 Night: 21-50	(<i>nmol/gCr</i>) N/A	(<i>nmol/gCr</i>) 10-180
Histamine-Urine **	N/A	N/A	24.1 (9:30AM) 05/13/09	(<i>ug/gCr</i>) Day: 10-20 Night: 5-15	(<i>ug/gCr</i>) N/A	(<i>ug/gCr</i>) 5-45
Creatinine-Urine	N/A	N/A	128.5 (9:30AM) 05/13/09	(<i>mg/dL</i>) N/A	(<i>mg/dL</i>) N/A	(<i>mg/dL</i>) N/A

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