NEUROSCIENCE

Improving Health Through The Nervous System

Report ID: 321945

Anna M.

Patient Information

NeuroEndocrine 3 Profile

Sex:	Female	Test Panel:	9505	Patient:	**Anna M.**
Date of Birth:	1/26/1952	Date Received:	5/19/2009		
Date Collected:	5/13/2009	Date Completed	5/22/2009		

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: 321945	Optimal Range	Therapeutic Range	Observed Range
Estradiol-Saliva				*(pg/ml)*	*(pg/ml)*	*(pg/ml)*
	N/A	N/A	**1.4** (8:30AM) 05/13/09	Female: Follicular: 0.5-5.0 Midcycle: 2.0-7.0 Luteal: 0.2-5.0 Menopause: 1.0-2.0 Male: 0.8-1.5		Female: Follicular: 0.5-5.0 Midcycle: 2.0-7.0 Luteal: 0.2-5.0 Menopause (No HRT): <0.75 Male: 0.1-3.2
Estrone-Saliva				*(pg/ml)*	*(pg/ml)*	*(pg/ml)*
	N/A	N/A	**1.3** (8:30AM) 05/13/09	Female: Follicular: 0.5-3.5 Luteal: 1.0-4.5 Menopause: 1.0-3.0 Male: 1.0-2.5		Female: Follicular: 0.5-3.5 Luteal: 1.0-4.5 Menopause (No HRT): 0.5-3.0 Male: 0.5-3.9
Progesterone-Saliva				*(ng/ml)*	*(ng/ml)*	*(ng/ml)*
	N/A	N/A	**0.119** (8:30AM) 05/13/09	Female: Follicular: <0.100 Luteal: 0.100-0.500 Menopause: 0.200-0.500 Male: 0.070-0.150		Female: Follicular: <0.100 Luteal: 0.100-0.500 Menopause (No HRT): 0.030-0.080 Male: 0.030-0.060
Testosterone-Saliva				*(pg/ml)*	*(pg/ml)*	*(pg/ml)*
	N/A	N/A	**261.0** (8:30AM) 05/13/09	Female: 15-35 Male: 75-95 PM concentrations for Testosterone are significantly lower than AM concentrations		Female: 5-35 Male: 60-125 PM concentrations for Testosterone are significantly lower than AM concentrations
Dihydrotestosterone-Saliva				*(pg/ml)*	*(pg/ml)*	*(pg/ml)*
	N/A	N/A	**57.7** (8:30AM)	Female: 5-12 Male: 20-40		Female: 1-8 Male: 10-50

	N/A	N/A	**9.5** (9:35AM) 05/13/09	Day: 8-11 Night: 3-6	Day: 8-12 Night: 1-3	1-25
Norepinephrine-Urine *				*(µg/gCr)*	*(µg/gCr)*	*(µg/gCr)*
	N/A	N/A	**43.4** (9:35AM) 05/13/09	Day: 35-45 Night: 15-25	Day: 30-65 Night: 20-30	4.5-93
Dopamine-Urine *				*(µg/gCr)Y*	*(µg/gCr)Y*	*(µg/gCr)Y*
	N/A	N/A	**182.8** (9:35AM) 05/13/09	Day: 125-175 Night: 80-120	Day: 200-350 Night: 125-250	48-435
Serotonin-Urine *				*(µg/gCr)*	*(µg/gCr)*	*(µg/gCr)*
	N/A	N/A	**158.5** (9:35AM) 05/13/09	Day: 125-175 Night: 100-175	Day: 200-650 Night: 120-250	15-335
GABA-Urine *				*(umol/gCr)*	*(umol/gCr)*	*(umol/gCr)*
	N/A	N/A	**7.9** (9:35AM) 05/13/09	Day: 1.5-4.0 Night: 1-3	Day: 5-10 Night: 5-8	0.5-18

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 advise and/or treatment obtained from a qualified healthcare provider.

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Test Parameter	DTI: N/A	DTI: N/A	DTI: 321945	Optimal Range	Therapeutic Range	Observed Range
DHEA-Saliva				*(pg/ml)*	*(pg/ml)*	*(pg/ml)*
	N/A	N/A	**608.3** (8:30AM) 05/13/09	Female: 200-400 Male: 250-450 Prepubescent: 50-300 *PM concentrations for DHEA can be significantly lower than AM concentrations		Female: 80-1100 Male: 100-1200 *PM concentrations for DHEA can be significantly lower than AM concentrations
Cortisol-Saliva				*(ng/ml)*	*(ng/ml)*	*(ng/ml)*
	N/A	N/A	**7.6** (8:30AM) 05/13/09	2-4 AM: <1.0 7 AM: 7.0-10 Noon: 3.0-6.0 5 PM: 2.0-4.0 10 PM: <1.5	N/A	7 AM: 8.0-15 Noon: 3.0-7.0 5 PM: 2.0-4.0 10 PM: <1.5 2-4 AM: <1.0
	N/A	N/A	**6.1** (1:05PM) 05/13/09			
	N/A	N/A	**2.5** (6:30PM) 05/13/09			
	N/A	N/A	**3.7** (11:30PM) 05/13/09			
Epinephrine-Urine *				*(µg/gCr)*	*(µg/gCr)*	*(µg/gCr)*
	N/A	N/A	**9.5** (9:35AM) 05/13/09	Day: 8-11 Night: 3-6	Day: 8-12 Night: 1-3	1-25
Norepinephrine-Urine *				*(µg/gCr)*	*(µg/gCr)*	*(µg/gCr)*
	N/A	N/A	**43.4** (9:35AM) 05/13/09	Day: 35-45 Night: 15-25	Day: 30-65 Night: 20-30	4.5-93
Dopamine-Urine *				*(µg/gCr)Y*	*(µg/gCr)Y*	*(µg/gCr)Y*
	N/A	N/A	**182.8** (9:35AM) 05/13/09	Day: 125-175 Night: 80-120	Day: 200-350 Night: 125-250	48-435
Serotonin-Urine *				*(µg/gCr)*	*(µg/gCr)*	*(µg/gCr)*
	N/A	N/A	**158.5** (9:35AM) 05/13/09	Day: 125-175 Night: 100-175	Day: 200-650 Night: 120-250	15-335
GABA-Urine *				*(umol/gCr)*	*(umol/gCr)*	*(umol/gCr)*
	N/A	N/A	**7.9** (9:35AM) 05/13/09	Day: 1.5-4.0 Night: 1-3	Day: 5-10 Night: 5-8	0.5-18

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Test Parameter	DTI: N/A	DTI: N/A	DTI: 321945	Optimal Range	Therapeutic Range	Observed Range
Glutamate - Urine */**				*(umol/gCr)*	*(umol/gCr)*	*(umol/gCr)*
	N/A	N/A	**27.8** (9:35AM) 05/13/09	Day: 15-35 Night: 10-25	N/A.	3-125
PEA-Urine */**				*(nmol/gCr)*	*(nmol/gCr)*	*(nmol/gCr)*
	N/A	N/A	**28.9** (9:35AM) 05/13/09	Day: 30-70 Night: 21-50	N/A.	10-190
Histamine-Urine */**				*(ug/gCr)*	*(ug/gCr)*	*(ug/gCr)*
	N/A	N/A	**20.5** (9:35AM) 05/13/09	Day: 10-20 Night: 5-15	N/A	5-45
Creatinine-Urine				*(mg/dL)Y*	*(mg/dL)Y*	*(mg/dL)Y*
	N/A	N/A	**161.6** (9:35AM) 05/13/09	N/A	N/A	N/A

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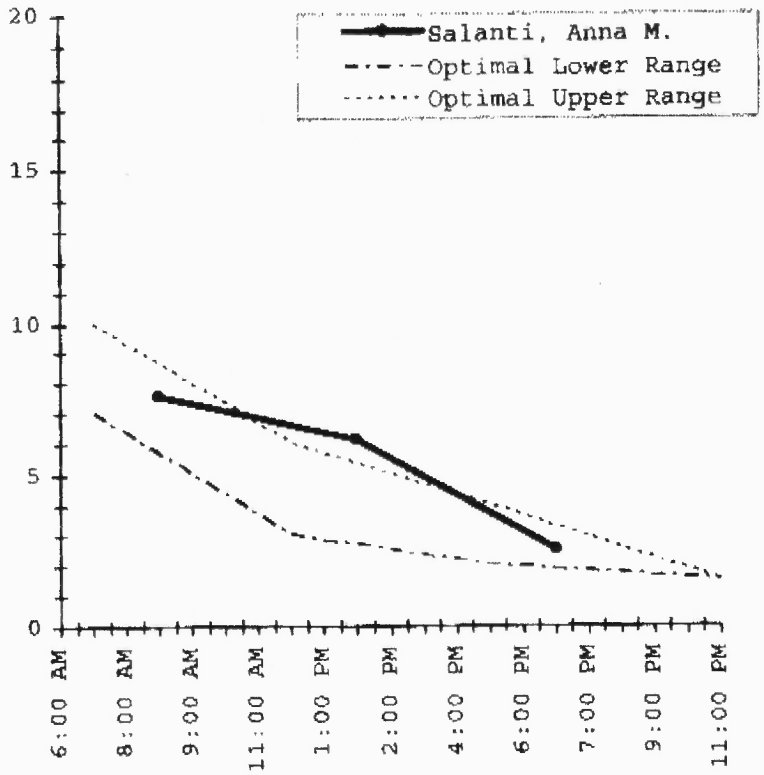
Cortisol Ranges



Graph only reflects results in the 6 AM to 11 PM range.
Graph for illustration purposes only and cannot be used for diagnosing or treating a medical or health condition.

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