



**TEST PATIENT**

GUa d'Y'HYghBUa Y  
 Sex : :  
 DUHy Collected : 00-00-0000  
 111 H9GH'ROAD TEST SUBURB  
 @AB =8: 0000000 UR#:0000000

**TEST PHYSICIAN**

DR JOHN DOE  
 111 CLINIC STF 99H  
 7@B=7 'GI 6I F 6'J =7'' \$\$\$

P: 1300 688 522  
 E: info@nutripath.com.au  
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**INTEGRATIVE MEDICINE**

URINE, SPOT	Result	Range	Units	
<b>EXTENSIVE NEUROTRANSMITTER PROFILE</b>				
<b>Inhibitory Neurotransmitters</b>				
SEROTONIN Urine	91.5	50.0 - 250.0	ug/gCR	
GABA, Urine	247.3	150.0 - 700.0	ug/gCR	
<b>Excitatory Neurotransmitters</b>				
DOPAMINE, Urine	145.2	100.0 - 350.0	ug/gCR	
NORADRENALIN (Nor-Epinephrine)	29.8	13.0 - 70.0	ug/gCR	
ADRENALIN (Epinephrine)	16.0	3.0 - 20.0	ug/gCR	
GLUTAMATE Urine	2.1	2.0 - 12.0	ug/gCR	
<b>Adrenal Adaptation Index</b>				
Noradrenalin/Adrenalin Ratio	1.9	< 10.0	RATIO	

**Optimal Ranges Table**

Biomarker	Optimal Range	
Serotonin	200 - 415	ug/gCr
GABA	600 - 1100	ug/gCr
DOPAMINE	250 - 400	ug/gCr
Noradrenalin	30 - 50	ug/gCr
Adrenalin	10 - 15	ug/gCr
Glutamate	5 - 10	ug/gCr

There are multiple factors that play roles in neurotransmitter levels (Lifestyle, receptors, meds, supplements, diet, stress, etc). The optimal reference ranges stated above have been determined/derived statistically from Neurolab historical patient data. Historically, these levels were achieved in the majority of patients as they experienced symptom relief or improvement.

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**Creatinine, Urine Spot.**

**1.9 \*L** 5.0 - 13.0

mmol/L



Tests ordered: ENEUM

(\*) Result outside normal reference range

(L) Result is below lower limit of reference range