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TEST HEALTH CENTRE

Dr.TEST DOCTOR

123 TEST STREET

BURWOOD VIC 3125

TEST PATIENT 01-Jan-1962 Female

123 TEST STREET BURWOOD VIC 3125

LAB ID : 3949011 UR NO. : Collection Date : 17-Sep-2024 Received Date: 17-Sep-2024



INTEGRATIVE MEDICINE							
BLOOD SPOT	Result	Range	Units				
NAD/NADH Profile							
NAD (NAD+)	24.0	23.0 - 40.0	nmol/ml				
NADH	2.40	1.0 - 4.0	nmol/ml				
NADPH	14.8	10.00 - 25.00	nmol/ml		•		
NADP	7.00	5.0 - 15.0	nmol/ml		•		
Nicotinamide (NAM)	3.96	0.60 - 5.80	nmol/ml			•	
Nicotinic Acid (NA)	0.77	0.06 - 1.04	nmol/ml			•	
NAD/NADH Ratio	10.0	1.00 - 30.00	RATIO		•		
NADP/NADPH Ratio	0.5	0.5 - 4.0	RATIO				
NAD/NADP Index	340.0	> 130.0					

NAD Comment

NADP/NADPH RATIO LOW:

The redox theory of aging suggests that lifespan is regulated by redox changes, including alterations in the NADP+/NADPH ratios. Manipulations that lead to a reduction of the NADP+/NADPH in the cytoplasm are especially linked with increased longevity.

NAD/NADP INDEX ELEVATED:

A niacin number (the ratio of NAD to NADP concentrations in whole blood x 100) below 130 suggests niacin deficiency. Consider:

Cease/decrease niacin/nicotinic acid supplement if ratio is >130.

Tests ordered: ImmunPEI,NADHPr,GOG315