








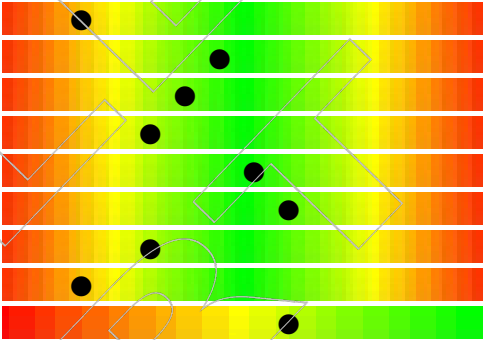


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LAB ID : 4024667
Collection Date : 17-Sep-2024
Request Date: 17-Sep-2024

INTEGRATIVE MEDICINE
BLOOD SPOT
NAD/NADH Profile

| | Result | Range | Units | |
|----------------------------|--------------|---------------|---------|--|
| 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 | |  |


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

DISCLAIMER:

Any information provided by us is for information purposes only.

Commentary is provided to the practitioner for educational purposes and should not be interpreted as diagnostic or as treatment recommendations. Diagnosis and treatment decisions are the practitioner's responsibility.

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