
Biolab Medical Unit

9 Weymouth Street, London W1W 6DB, U.K. Tel: 020-7636 5959/5905 Fax: 020-7580 3910
E-mail: info@biolab.co.uk Internet: www.biolab.co.uk

ERYTHROCYTE NIACIN COENZYMES

Reference: **ABCD/CDOC/E08**
Patient: **Mrs Sample Patient**
Doctor: **Dr Mustafa Consult**

Age: **49**
Sex: **Female**
Date: **22/05/2008**

Doctor's reference:

NAD/NADP RATIO¹ (NIACIN STATUS) **1.85** Reference range
2.00 - 3.50

Status: **Mild deficiency**

Our data suggest that the normal reference interval for the red cell NAD/NADP ratio (functional vitamin B3 status) is from 2.00 - 3.50.

A ratio of 1.50 - 2.00 is consistent with a mild niacin deficiency.

A ratio of less than 1.50 is consistent with a marked niacin deficiency.

References:

1) Fu CS, Swendseid ME, Jacob RA, McKee RW, Biochemical markers for assessment of niacin status in young men: levels of erythrocyte niacin coenzymes and plasma tryptophan. J Nutr 1989; 1949 - 55.