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Patient Report

Specimen ID: Control ID: Phone:

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 Patient Details
 Specimen Details
 Physician Details

 DOB:
 Date collected:
 Ordering:

 Age(y/m/d):
 Date received:
 Referring:

 Gender:
 SSN:
 Date entered:
 ID:

 Patient ID:
 Date reported:
 NPI:

Acct #:

General Comments & Additional Information

Clinical Info: NORMAL REPORT

Ordered Items

Anemia, Megaloblastic, Serum

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVA	L LAB
Anemia, Megaloblastic, Serum					
Methylmalonic Acid, Serum	200		nmol/L	0 - 378	01
2-Methylcitric Acid, Serum	225		nmol/L	60 - 228	01
Homocysteine, Serum	10.0		umol/L	5.1 - 13.9	01
Cystathionine, Serum	100		nmol/L	44 - 342	01
Disclaimer:					01
This test was developed determined by LabCorp. I by the Food and Drug Adm	t has not	been clea			
Reference Ranges:					01
Serum Metabolite Range V	High] alues Ra	nge Val	High]		
2-Methylcitric 60-228 Acid			80 60-		
Homocysteine 5.1-13.9			95 14-		
Cystathionine 44-342 Continued:	<3 343-	4,000 >	80 343-18	,000 >80	01
NOTE 2) Serum Methylmalo primary metaboli guishing between can be used in c is usually low o deficiency and t or low normal (< 2-Methylcitric a confirmatory evi Homocysteine and be high in B6 de	c tests fo B12 and fonjuction r low norm he serum F 5 ng/mL) is cid and cy dence for especial1	r diagnos olate def with the al (<350 p olate which n folate stathionis	ing and di iciency. serum B12 pg/mL) in ch is usua deficiency ne provida ciencies.	istin- They which B12 ally low y.	UI
NOTE 3) Elevated levels normal after tre but will not cor vitamin, even in NOTE 4) Any of the four	of serum m atment with rect after pharmacol	h the app: treatmen ogic amou	ropriate v t with the nts.	vitamin e wrong	





Patient: DOB:

Patient ID:

Control ID:

Specimen ID: Date collected:

TESTS RESULT FLAG UNITS REFERENCE INTERVAL LAB renal insufficiency or intravascular volume depletion. This occurs most commonly in the case of 2-Methylcitric Acid and Cystathionine. metabolite levels do not correct with B12, Folate or B6 treatment unless vitamin deficiency coexists. NOTE 5) Serum metabolite levels can be rechecked 5 to 15 days after vitamin therapy. NOTE 6) Normal ranges 6 hours post oral Methionine load (100 MG L-Methionine/KG BODY WT.) are as follows: Homocysteine 16.5-45.7 mcmoles/liter and Cystathionine 424-2500 nmoles/liter. Methylmalonic Acid and 2-Methylcitric Acid do not change afer a Methionine load.