



**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'' \$\$\$

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**INTEGRATIVE MEDICINE**

URINE, MIDSTRE/  
**TELOPEPTIDES**

NTx value: 36 units

**REFERENCE RANGES**

MALE 24-40 YEARS: 14-87 units  
MALE 45-65 YEARS: 14-59 units

GIRLS 10-12 Years : 110-2450 units  
FEMALE Premenopausal : 5-65 units  
Postmenopausal : <131 units

**COMMENTS:**

NTx is performed by a highly specific ELISA assay.  
1 unit= 1 nmol BCE/ mmol CREATININE  
BCE= Bone Collagen Equivalents  
BMD= Bone Mineral Density  
Elevated bone resorption is exhibited by patients taking certain drugs such as oral steroids or GnRh analogs and by most patients with thyroid disease.  
N-Telopeptides \*(NTx) is specific to Type 1 collagen which is the most abundant discrete peptide fragment present in urine.  
NTx measurement in urine can detect an increase in the rate of bone resorption and hence the early onset of OSTEOPOROSIS.