

**COLLAGEN CROSS-LINKED N-TELOPEPTIDE ( NTx), URINE (EIA)**

**nM BCE/mM Creatinine**

<b>REFERENCE GROUP</b>	<b>REFERENCE RANGE IN nM BCE/mM Creatinine</b>
Premenopausal females	14-74
Males	13-78

### **Comments**

Cross linked N-telopeptides ( NTx), a marker of bone resorption has been utilised in estimating relative risks of hip fracture in post menopausal women and show promise in predicting such complications of osteoporosis. While baseline levels of telopeptides do not necessarily correlate with baseline bone mineral density, their serial measurement can predict early response to therapy. NTx have been found to reduce by 50-60% in 3-6 months of anti-resorptive therapy.

### **Uses**

- Assess bone resorption in Metabolic bone disease
- Therapeutic monitoring of Anti resorptive therapy in post menopausal women, diagnosed cases of Osteoporosis and Paget's disease of the bone
- Therapeutic monitoring of estrogen suppressing therapy