**Reporting Title:** NTX-Telopeptide, U
**Performing Location:** New England

## Specimen Requirements:

Collection Container/Tube: Clean, plastic urine collection container
Submission Container/Tube: Plastic, 10-mL urine tube (Supply T068)
Specimen Volume: 4 mL
Collection Instructions:
1. Collect urine for 24 hours.
2. No preservative.
3. Refrigerate specimen during collection.
Additional Information:
1. 24-Hour collection is preferred, but second-morning voided or random specimen is also acceptable.
2. See Urine Preservatives in Special Instructions for multiple collections.

Urine Preservative Collection Options
Ambient No
Refrigerated <5 days
Frozen Preferred
6N HCl No
50% Acetic Acid No
Na2CO3 No
Toluene Yes
6N HNO3 No
Boric Acid Yes
Thymol No
Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

| Specimen Type | Temperature | Time |
|---|---|---|
| Urine | Frozen (preferred) | 30 days |
| | Refrigerated | 5 days |

## Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| NTX | NTX | Numeric | nmol/L | 35334-2 |
| NTXCR | NTX-Telopeptide, U | Numeric | nmol/mmol | 21216-7 |
| NTXCT | Creatinine, U | Numeric | mg/dL | 2161-8 |

## Components:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| NTXUR | NTX-Telopeptide, U | 1 | 82523 | Yes | No |
| NTXCT | Creatinine, U | | | Yes | No |

## Reference Values:

All units are reported in nmol Bone Collagen Equivalents/mmol creatinine.

Males
<6 years: 576-1,763
6-13 years: 307-1,367
14-17 years: 102-1,048
> or =18 years: 21-66
Females
<6 years: 576-1,763
6-13 years: 307-1,367
14-17 years: 55-378
> or =18 years: 19-63

Values are based on Mayo in-house studies of 75 children and adolescents age 3.5 to 18.5 and >100 adults.