Sampling: 1 mL serum or heparin plasma.

Reference Interval:	Assay with fluoride	percent inhibition
	Normal homozygous:	40 - 60%
	Atypical homozygous:	74 - 84%
	Atypical heterozygous:	50 - 66%
	Assay with dibucaine	percent inhibition
	Normal homozygous:	80 - 88%
	Atypical homozygous:	15 - 25%
	Atypical heterozygous:	60 - 68%

Pyridinolines f

Synonyms: Deoxypyridinoline, Hydroxylysylpyrolidine, Lysylpyroidine, Pyridinium Collagen Cross-Links, Pyridinoline Crosslinks

Background: Markers for bone matrix resorption and degeneration. As a bone resorption marker, values fall within 2 - 12 weeks during remodeling, during bone formation the marker fall within 3 - 6 month.

Elevated in osteoporosis, Paget disease, metastatic bone resorption, primary and secondary hyperparathyroidism, hyperthyroidism.

Decrease of cross links in hypothyroidism.

Also useful in assessment of patient s risk of fracture, therapy monitoring.

Limitation: Variation day by day up to 20%, affected by renal clearance.

Sampling: Urine, 5 mL, but a 24 h urine collection is preferred due to diurnal variation. Protect from light. Refrigerate. Freeze for storage longer than 2 days.

Reference Interval: Assay measures de(s)oxypyridinoline: 10 - 50 µg/g creatinine

Pyridoxal-5-Phosphate see Vitamin B 6, Plasma or Serum

Pyridoxine see Vitamin B 6, Plasma or Serum

Q Fever see Coxiella burnetii

Quick`s Value (Prothrombin Time) see Prothrombin Time