

# UniQ®



## UniQ® PINP



## UniQ® ICTP



## UniQ® PIINP

Measurement range	Type I collagen formation	Type I collagen pathological degradation	Type III collagen metabolism
<b>Indications</b>	<ul style="list-style-type: none"> <li>• Osteoporosis</li> <li>• Paget's disease</li> </ul>	<ul style="list-style-type: none"> <li>• Bone metastases</li> <li>• Multiple myeloma</li> <li>• Rheumatoid arthritis</li> </ul>	<ul style="list-style-type: none"> <li>• Liver fibrosis</li> <li>• Growth hormone therapy</li> <li>• Cardiac disease</li> </ul>
<b>Incubation</b>	2.5 h	2.5 h	2.5 h
<b>Sample volume</b>	50 µl	100 µl	200 µl
<b>Assay range</b>	5–250 µg/l	1–50 µg/l	1–50 µg/l
<b>Detection limit</b>	<2.0 µg/l	<0.6 µg/l	<0.4 µg/l
<b>Typical precision (average CV%)</b>	<ul style="list-style-type: none"> <li>• intra-assay ≤10% (26.6–149.2 µg/l)</li> <li>• interassay ≤10% (26.0–142.9 µg/l)</li> </ul>	<ul style="list-style-type: none"> <li>• intra-assay ≤10% (3.3–45.0 µg/l)</li> <li>• interassay ≤10% (4.3–24.4 µg/l)</li> </ul>	<ul style="list-style-type: none"> <li>• intra-assay ≤10% (2.8–16.4 µg/l)</li> <li>• interassay ≤10% (2.8–16.4 µg/l)</li> </ul>
<b>Sample type</b>	Serum	Serum	Serum
<b>Sample storage</b>	Up to of 5 days at 2...8 °C, for longer periods at least at –20 °C	Up to 5 days at 2...8 °C, for longer periods at least at –20 °C	Up to 5 days at 2...8 °C, for longer periods at least at –20 °C
<b>Reference values</b>	<ul style="list-style-type: none"> <li>• 19–83 µg/l (women)</li> <li>• 16–96 µg/l (postmenopausal women)</li> <li>• 22–87 µg/l (men)</li> </ul>	<ul style="list-style-type: none"> <li>• 2.1–5.6 µg/l (women)</li> <li>• 2.1–5.0 µg/l (men)</li> </ul>	<ul style="list-style-type: none"> <li>• 2.3–6.4 µg/l</li> </ul>
<b>Notes</b>	<ul style="list-style-type: none"> <li>• Measures intact propeptide</li> <li>• Low intraindividual variability</li> <li>• Correlates with changes in bone mineral density (BMD)</li> </ul>	<ul style="list-style-type: none"> <li>• Low intraindividual variability</li> <li>• Specifically reflects pathological degradation of mature type I collagen</li> </ul>	<ul style="list-style-type: none"> <li>• Measures intact propeptide</li> </ul>

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