

Supplementary Table 2: Custom panel of ECM neopeptide biomarkers

Biomarker	Description of measure	Reference
Tissue Degradation		
C1M	MMP-2, -9, -13 mediated degradation of type I collagen	(D. Leeming et al., 2011)
C3M	MMP-9 mediated degradation of type III collagen	(Barascuk et al., 2010)
C4M	MMP-2, -9, -12 mediated degradation of type IV collagen	(Sand et al., 2013)
CAN	Cathepsin-S mediated degradation of type IV collagen	(S. H. Nielsen et al., 2025)
C6M	MMP-2, -9 mediated degradation of type VI collagen	(Veidal et al., 2011)
MIM	MMP-9 -degraded mimecan	(Barascuk et al., 2011)
BGM	MMP-9 degraded biglycan	(Genovese et al., 2013)
Tissue Formation		
PRO-C1	Pro-peptide of type I collagen	(D. J. Leeming et al., 2010)
PRO-C3	N-terminal propeptide of type III collagen	(M. J. Nielsen et al., 2013)
PRO-C6	C-terminal NC domain of type VIa3 collagen (Endotrophin)	(Sun et al., 2015)
PRO-C8	C-terminal domain of type VIII collagen (Vastatin)	(Ulrik et al., 2016)