

Supplemental Table 3. Specific acquisition parameters and processed data for the analysis of VDTVDPYPYPR from vitronectin (P04004) by UHPLC/MS/MS and MS³ on the QTRAP 6500. The doubly charged precursor was monitored at 14.1 min with a declustering potential of 70 V and an excitation energy of 0.15 V for all transitions. The data represents the output from the interference screening evaluation of a matrix- and matrix-free CSF sample (both at n = 2).

Peptide	MRM Analysis						MRM ³ Analysis		
	Parameters					Data	Parameters		Data
	Primary Product Ions	NAT Q1 <i>m/z</i>	NAT Q3 <i>m/z</i>	SIS Q1 <i>m/z</i>	SIS Q3 <i>m/z</i>	Av. Relative Ratio (%CV)	Secondary Product Ions	NAT and SIS LIT <i>m/z</i>	Av. Relative Ratio (%CV)
VDTVDPYPYPR	b ₃ ⁺	579.8	316.2	584.8	316.2	0.21 (67)	N/A	N/A	N/A
	b ₂ ⁺	579.8	215.1	584.8	215.1	0.25 (39)	N/A	N/A	N/A
	y ₅ ⁺	579.8	629.3	584.8	639.3	1.00 (0)	[y ₅ -R] ⁺ (i.e., PPYP)	473.2	0.52 (6)
							b ₄ ⁺	455.2	0.30 (2)
							b ₃ ⁺	358.2	0.17 (12)