

Maria Slyusarenko et al., Formation and evaluation of a two-phase polymer system in human plasma as a method for extracellular nanovesicles isolation.

Supplementary Table S1. Assignment of peaks observed Raman spectrometry of pure components of plasma two-phase polymer system

Sample	Raman shift, cm^{-1}	Likely assignment	Ref.
UC-ENV	622	Phenylalanine (phenyl ring breathing)	[24]
	644	Tyrosine (C–C twisting)	[25]
	758	Tryptophan	[25,26]
	1004	Phenylalanine (phenyl ring breathing)	[24]
	1208	Phenylalanine, tyrosine (C-C6H5 stretching)	[27]
	1230, 1237-1241	Amide III bonds (rand coils and beta-sheet, respectively)	[27]
	1340	Tryptophan, lipids (CH2 deformation)	[28,29]
	1360	Tryptophan (Fermi resonance doublet with 1340 cm^{-1})	[28]
	1449	Lipids and proteins (CH2/CH3 deformation)	[30–32]
PEG	844, 860	CH2 rocking	[33,34]
	1141	CO stretch	
	1232	CH2 twist	
	1281	CH2 twist	
	1484	CH2 bending	
	546	C3C4, C4C5 deformation	[35]

Dextran	855	C-1-H bending	[36]
	922	COH deformation	
	1342	CCH deformation, OCH deformation, CO vibration	

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