

## SUPPLEMENTARY DATA

### Assessment of the Correlation and Diagnostic Accuracy between CSF and Plasma AD Biomarkers: A Comparison of the Lumipulse and Simoa Platforms

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**Supplementary Table S1.** Correlation coefficient between CSF AD biomarkers measured by Lumipulse and the same markers quantified in plasma with the Simoa or Lumipulse platforms

		Correlation coefficient	p-value
Between Lumipulse CSF and Simoa plasma	Aβ42	0.107	0.238
	Aβ40	0.023	0.801
	Ptau181	0.363	< 0.001
	Ttau	-0.024	0.79
	Aβ42/40	0.211	0.019
	Ptau181/Aβ42	0.346	< 0.001
	Ttau/Aβ42	0.046	0.61
	Simoa Ptau181 & Lumipulse CSF Aβ42	-0.269	0.002
	Simoa Ptau181 & Lumipulse CSF Aβ42/40	-0.4	< 0.001
Between Lumipulse CSF and Lumipulse Plasma	Aβ42	0.251	0.005
	Aβ40	0.072	0.431
	Ptau181	0.33	< 0.001
	Aβ42/40	0.423	< 0.001
	Ptau181/Aβ42	0.332	< 0.001
	Lumipulse plasma Ptau181 & Lumipulse CSF Aβ42	-0.226	0.011
	Lumipulse plasma Ptau181 & Lumipulse CSF Aβ42/40	0.35	< 0.001