

Supplementary Table 1 Potential of different putative biomarkers

Biomarker technique/source	Advantages	Disadvantages	AUC range
Cryo-EM	Atomic level resolution: 1.2 Å, reliable results in limited amount of sample	Not very cost effective	–
SAA	High sensitivity and throughput, analysis of multiple samples simultaneously	Low reproducibility, difficult to make inter-study comparisons	0.8–0.948
CSF	Contains proteins and nucleic acids directly from the brain	invasive, risk of side effects	0.65–1
Blood	Easily drawn from patients, time and cost efficient	High variability	0.6–0.993
Saliva	Non-invasive, no requirement of medically trained staff	Easily contaminated with food, and drinks, not established	0.527–0.894
Extracellular vesicles	Can be isolated from multiple biofluids	Very small sample amounts for analysis	0.616–0.99

Summary of the advantages and disadvantages of various biomarkers. AUC = area under the curve.