

Supplementary Material

Plasma Amyloid Concentration in Alzheimer's Disease: Performance of a High-Throughput Amyloid Assay in Distinguishing Alzheimer's Disease Cases from Controls

Supplementary Table 1. Diagnostic accuracy of $A\beta_{42/40}$ at the cut-point maximizing both sensitivity and specificity, and at two further experimental cut-points

Cut-point of $A\beta_{42/40}$ ratio	Sensitivity	Specificity	Youden's index	Total correctly identified	True positives	True negatives	False negatives	False positives	NPV	PPV
<0.07559*	61.2%	63.6%	0.25	58	28	30	16	19	65.2%	59.6%
<0.10000	79.5%	28.6%	0.08	49	35	14	9	35	60.9%	50.0%
<0.05000	15.9%	83.7%	0.00	48	7	41	37	8	52.6%	46.7%

Outcome is AD versus controls. Total n=93 (AD n=44; controls n=49). *cut-point with maximum sensitivity and specificity

Supplementary Figure 1. Plasma $A\beta_{42/40}$ according to diagnostic group (horizontal line, median; gray shaded area, interquartile range; circle, value $\geq 1.5x$ interquartile range; star, value $\geq 3x$ interquartile range).

