

	Protocol according to Greytak et al. 2020	Stroke (mouse)	MI (mouse)	ivDNA (mouse)	Stroke (human; CCA samples)	Stroke (human; cfDNA methylation)	MI (human)
Time in EDTA (min)	≤120	5-15	15-30	5-15	≥180	15-30	≤15
1st centrifugation	800-1,600xg for 20min	3,000xg for 10min at 4°C	3,000xg for 10min at 4°C	3,000xg for 10min at 4°C	3,000xg for 15min	1,500xg for 10min at 4°C	1,600xg for 30 min
2nd centrifugation	14,000xg – 16,000xg for 10-20min at 4°C	3,000xg for 10min at 4°C	3,000xg for 10min at 4°C	3,000xg for 10min at 4°C	x	3000xg for 10min at 4°C	x
Storage	-80°C	-80°C	-80°C	-80°C	-80°C	-80°C	-80°C
Processing	Cat. 55100; NORGEN Biotek	Cat. 55100; NORGEN Biotek	Cat. 55100; NORGEN Biotek	Cat. 55100; NORGEN Biotek	Cat. 55100; NORGEN Biotek	QIAamp Blood DNA kit; symphony robot	Cat. 55100; NORGEN Biotek

Supplementary table 4. Comparison of cfDNA isolation protocols for human and murine plasma.