

Serum and brain natural copper stable isotopes in a mouse model of Alzheimer's disease

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Mouse ID	Genotype	Sex	3 months - Serum			6 months - Serum			9 months - Serum			12 months - Serum			12 months - Brain		
			$\delta^{65}\text{Cu}$ (vs NIST SRM-976)	\pm	n	$\delta^{65}\text{Cu}$ (vs NIST SRM-976)	\pm	n	$\delta^{65}\text{Cu}$ (vs NIST SRM-976)	\pm	n	$\delta^{65}\text{Cu}$ (vs NIST SRM-976)	\pm	n	$\delta^{65}\text{Cu}$ (vs NIST SRM-976)	\pm	n
10	WT	female	-0.63	0.03	1	-0.63	0.03	1	-0.33	0.03	1	-0.57	0.03	3	0.28	0.00	3
13	WT	female	-0.58	0.02	1	-0.51	0.04	1	-0.56	0.03	1	-0.38	0.04	2			
14	WT	female	-0.56	0.02	1	-0.36	0.04	1	-0.31	0.02	1	-0.16	0.02	2	0.83	0.03	3
16	WT	female	-0.35	0.02	1	-0.16	0.05	1	-0.61	0.03	1	-0.08	0.12	2	0.83	0.04	1
29	WT	female	-0.47	0.07	1	-0.74	0.03	1	-0.87	0.02	1	-0.38	0.05	2	0.56	0.03	1
2	WT	male	-0.90	0.02	1	-0.75	0.09	2	-0.82	0.03	1						
4	WT	male	-1.02	0.02	1	-0.81	0.03	1	-0.81	0.02	1						
21	WT	male	-0.84	0.03	1	-1.02	0.04	1	-0.97	0.03	1						
24	WT	male	-0.83	0.02	1	-0.41	0.04	1									
26	WT	male				-0.72	0.03	1	-0.97	0.04	1						
9	AD	female	-0.83	0.03	1	-0.86	0.01	1	-0.81	0.04	1	-0.79	0.00	2	0.26	0.05	3
11	AD	female				-0.37	0.05	1	-0.27	0.02	1	-0.22	0.04	2			
12	AD	female	-0.37	0.02	1	-0.34	0.05	1				-0.39	0.23	2	0.65	0.04	3
15	AD	female	-0.58	0.03	1	-0.38	0.04	1	-0.68	0.03	1	-0.67	0.02	1	0.59	0.03	1
17	AD	female	-0.51	0.02	1	-0.65	0.03	1	-0.76	0.03	1				0.53	0.06	1
31	AD	female	-0.17	0.02	1	-0.58	0.02	1				-0.89	0.14	2	0.51	0.01	1
1	AD	male	-0.85	0.03	1	-0.76	0.07	2	-0.72	0.05	1						
3	AD	male	-0.82	0.04	1	-0.77	0.02	1	-0.68	0.03	1						
5	AD	male	-1.04	0.02	1	-0.67	0.02	1	-0.46	0.04	1						
6	AD	male				-0.76	0.03	1	-0.59	0.02	1	-0.70	0.02	1			
7	AD	male				-0.76	0.03	1	-0.54	0.04	1	-0.70	0.01	2			
20	AD	male	-0.79	0.02	1	-0.76	0.04	1	-0.98	0.02	1	-0.56	0.08	2			
25	AD	male	-0.41	0.02	1	-0.81	0.03	1	-0.91	0.03	1						

Table S1. Copper isotopic composition of brain and serum samples.

n=number of measurements. WT=wild type mice, AD=APP^{swe}/PSEN1^{dE9} mice.