

## Determination of valproic acid and 3-heptanone in plasma using air-assisted liquid-liquid microextraction with the assistance of vortex: Application in the real samples

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Table S1. List of co-administered drugs, levels of VPA and 3-heptanone in plasma samples of the patients

No.	Age (year)	Weight (Kg)	Co-administered AEDs <sup>a)</sup>	VPA concentration (mg L <sup>-1</sup> )	3-Heptanone concentration (mg L <sup>-1</sup> )
1	6	17	Pb	22.0	1.1
2	2	14	-	3.0	4.0
3	13	50	Pb, Ph	6.0	3.0
4	5	13	Pb, Ph	28.0	ND <sup>b)</sup>
5	8	23	Ph	6.0	2.0
6	10	16	Pb, Ph	18.0	0.3
7	10	48	Pb	13.0	0.4
8	1	15	Pb	15.0	0.9
9	8.5	23	Pb, Ph	23.0	2.0
10	14	55	Pb, Ph	15.0	ND
11	8.5	26	Ph	11.0	0.1
12	2	14	Pb, CBZ	17.0	0.3
13	9	25	Pb	16.0	0.5
14	12	30	Pb, CBZ	6.0	2.0
15	3.5	18	Ph	13.0	0.9
16	13	35	Pb	31.0	0.2
17	2.5	9	Pb	1.0	3.0
18	1	10	Pb	ND	ND

19	11	35	Pb	21.0	0.3
20	10	18	Pb	1.0	2.5
21	10	26	Pb	25.0	0.1
22	3.5	18	Pb	27.0	ND
23	7	17	Pb, Ph	14.0	0.2
24	15	46	-	29.0	0.1
25	3	18	-	7.0	1.8
26	14	40	CBZ	24.0	0.5
27	11	14	Pb	33.0	0.4
28	9	22	Pb	38.0	ND
29	9	37	Pb, Ph	27.0	0.8
30	10	26	Pb, CBZ	43.0	1.5
31	10	26	Pb, Ph	14.0	0.3
32	13	36	-	27.0	0.7
33	5	18	Pb	27.0	0.4
34	8	22	-	34.0	0.8
35	5	15	-	13.0	0.9
36	14	91	Pb, Ph	33.0	0.2
37	10	29	-	ND	3.0
38	9	38	Pb	10.0	0.8
39	8	34	Pb	26.0	0.3
40	8	22	CBZ	25.0	0.4
41	3	25	Pb	88.0	2.0
42	7	32	Pb	15.0	0.4
43	2	11.5	Pb, Ph	34.0	0.1
44	13	44	-	36.0	0.3
45	2.5	11	Pb	59.0	0.1
46	2	14	-	9.0	1.3
47	3.5	16	Pb, CBZ	29.0	0.4
48	2.5	14.5	Pb	59.0	0.7
49	13	36	Pb, CBZ	15.0	1.4
50	4.5	17	Pb	21.0	0.8
51	14	36	CBZ	15.0	1.0
52	9	30	Pb, CBZ	18.0	0.4
53	6	16	CBZ	21.0	0.5
54	10	19	Pb, CBZ	ND	1.1
55	4	15	Pb, CBZ	13.0	0.6
56	10	36	Pb, CBZ	25.0	0.3
57	18	36	Pb, CBZ	ND	ND
58	8	31	CBZ	28.0	0.2
59	2	27	CBZ	50.0	0.8
60	7	23	Pb, Ph	ND	1.8
61	13	31	Pb	27.0	0.4
62	- <sup>c</sup>	- <sup>c</sup>	Pb	20.0	0.4
63	-	-	Pb	28.0	0.2

64	-	-	Pb	12.0	0.6
65	-	-	Pb, CBZ	22.0	0.5
66	-	-	Pb	12.0	0.7
67	-	-	Pb	16.0	0.7
68	-	-	-	9.0	0.9
69	-	-	Pb	30.0	0.3
70	-	-	Ph	22.0	0.4

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a) Pb: Phenobarbital, Ph: Phenytoin, CBZ: Carbamazepin.

b) Not detected.

c) Not recorded.