

SUPPLEMENTARY TABLE S3. CONCENTRATION OF 10 ANALYTES IN PLASMA ACCORDING TO REPEATED FREEZE/THAW

	AST	ALT	GGT	LDH	TG	TC	CRP	BUN	Creatinine	Glucose
Ref	32.59	28.58	29.14	522.35	113.87	189.26	0.20	14.56	0.97	94.54
USD	0.95	0.50	0.503	4.53	1.23	2.39	0.01	0.25	0.03	1.27
SCL range*	29.92-35.27	27.17-29.99	27.73-30.55	509.65-535.04	110.43-117.30	182.56-195.96	0.18-0.21	13.86-15.26	0.89-1.06	90.99-98.09
Unit	U/L	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	mg/dL	mg/dL
Numbers of freeze/thaw cycles										
3	32.26 ± 0.58	27.70 ± 0.58	28.90 ± 0.53	592.55 ± 6.06	112.44 ± 1.23	188.13 ± 1.85	0.20 ± 0.00	14.67 ± 0.24	0.96 ± 0.03	93.93 ± 1.13
6	32.01 ± 0.61	26.65 ± 0.37	28.84 ± 0.54	586.95 ± 4.91	112.43 ± 1.42	188.71 ± 2.07	0.19 ± 0.00	14.55 ± 0.29	0.95 ± 0.03	95.05 ± 1.67
9	32.03 ± 0.67	26.57 ± 0.33	28.58 ± 0.50	583.82 ± 4.08	112.44 ± 1.69	190.60 ± 2.58	0.19 ± 0.00	14.64 ± 0.16	0.96 ± 0.03	96.25 ± 1.59

*Mean value of reference ± (2.8 × USD); †Excess over the SCL range; ‡Statistically significant difference from reference (repeated-measure ANOVA, $p < 0.05$).