

亞洲大學附屬醫院檢驗科 定量檢驗項目量測不確定度一覽表

項目	報告單位	濃度 1	擴充不確定度 2CV(%)	濃度 2	擴充不確定度 2CV(%)	濃度 3	擴充不確定度 2CV(%)
生化							
(U)Amylase	U/L	42.86	7.20	137.79	6.36		
(U)BUN	mg/dL	439.39	3.84	711.83	3.80		
(U)Ca	mg/dL	7.34	3.06	10.85	2.84		
(U)Cl	mmol/L	93.85	2.28	192.7	2.68		
(U)Creatinine	mg/dL	63.52	3.78	137.71	4.08		
(U)Glucose	mg/dL	29.05	2.66	284.33	1.36		
(U)K	mmol/L	30.88	3.84	71	3.60		
(U)Micro-albumin	mg/dL	3.28	11.58	9.92	5.74		
(U)Micro-total protein	mg/dL	21.59	6.48	61.68	5.16		
(U)Mg	mg/dL	3.97	2.90	8.58	2.66		
(U)Na	mmol/L	79.72	3.06	170.55	2.30		
(U)P	mg/dL	25.59	5.48	50.42	2.88		
(U)Uric acid	mg/dL	14.87	2.46	23.82	2.48		
Albumin	g/dL	4.36	3.16	3.04	3.38		
ALP	IU/L	32.38	13.44	363.32	4.22		
ALT	IU/L	32.17	4.48	186.01	2.54		
Ammonia	µg/dL	88.33	11.56	209.61	8.02		
Amylase	U/L	69.33	3.58	370.81	3.26		
AST	U/L	39.91	4.28	230.84	3.66		
BUN	mg/dL	15.08	5.40	63.19	4.52		
Ca	mg/dL	6.51	2.92	11.76	2.78		
Cholesterol	mg/dL	199.29	3.34	58.86	3.68		
CK	U/L	77.16	5.58	642.25	3.36		
Cl	mmol/L	104.27	2.30	88.52	2.50		
Creatinine	mg/dL	0.92	7.12	6.86	3.94		
CRPHS	mg/dL	1.35	2.40	2.61	1.90		
D-Dimer	ng/mL(FEU)	4672.23	14.44	248.12	13.78		
Direct Bilirubin	mg/dL	0.44	8.38	3.94	4.32		
Ethanol	mg/dL	41.54	19.62	97.65	12.22	28.61	15.98
γ-GT	U/L	25.61	4.72	111.83	2.72		
Glucose	mg/dL	60.09	4.06	336.62	3.46		
HDL	mg/dL	45.71	9.06	18.12	11.80		
Homocysteine	µmol/L	6.28	16.48	11.72	10.58	24.21	9.80
Iron	µg/dL	288.13	3.32	85	7.72		
K	mmol/L	2.62	4.58	5.9	2.94		
Ketone body	mmol/L	0.52	19.24	1.8	7.78		

Lactate	mg/dL	9.98	4.56	55.41	4.24		
LDH	IU/L	72.87	7.52	304.92	6.46		
LDL	mg/dL	89.35	9.84	33.15	7.90		
Lipase	U/L	40.79	7.68	86.32	6.02		
Mg	mg/dL	1.1	6.24	4.33	3.92		
Na	mmol/L	145.5	2.40	112.12	2.36		
NT-proBNP	pg/mL	223	11.06	581.3	7.4		
Osmolality	mOsm/kgH 2O	415.92	2.5	839.97	1.86		
P	mg/dL	2.52	7.58	7.59	4.14		
PCT	ng/mL	16.62	21.94	1.93	18.46		
TG	mg/dL	240.51	3.50	105.88	4.16		
Total Bilirubin	mg/dL	0.91	4.66	6.76	3.14		
Total Protien	g/dL	7.11	2.84	4.07	3.10		
Transferrin	mg/dL	93.43	4.52	204.12	2.24		
Uric acid	mg/dL	3.22	3.64	10.43	3.12		
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血清免疫 (*:非定量項目，僅就數值提供不確定度參考)							
AFP	ng/mL	6.54	18.06	58.8	20.52	170.75	21.52
C3	mg/dL	61.84	3.80	123.85	2.86		
C4	mg/dL	16.21	7.28	35.88	4.36		
CA125	U/mL	47.53	12.86	146.71	12.54	355.62	12.10
CA153	U/mL	8.73	23.12	34.18	21.26	55.84	19.40
CA199	U/mL	19.29	14.50	75.92	14.20	253.72	13.32
CEA	ng/mL	2.31	15.12	19.39	12.24	66.09	13.70
CK-MB	ng/mL	2.9	13.36	12.15	10.92	63.77	11.36
Cortisol	µg/dL	4.49	19.28	19.44	13.82	33.13	14.00
Ferritin	ng/mL	23.13	16.36	133.1	16.06	321.39	17.90
Folate	ng/mL	3.08	12.90	8.95	10.48	13.94	11.12
Free T4	ng/dL	0.74	14.68	1.99	11.26	3.11	9.06
HbA1c	%	4.83	2.14	10.07	2.38		
HCG	mIU/mL	5.9	10.22	22.59	8.26	362.51	9.28
ICG test	%	0.15	78.04	0.44	26.28		
IgE	KIU/L	210.59	19.46				
iPTH	pg/mL	30.12	13.24	259.28	13.76	741.93	14.06
PSA	ng/mL	0.16	14.14	4.2	12.88	18.05	13.36
RF	IU/mL	19.63	12.38	56.5	6.74		
T3	ng/dL	79.75	20.80	195.93	15.16	327.38	14.88
T4	µg/dL	8.09	14.36	11.04	14.48	14.03	13.06
Testosterone	ng/mL	0.99	12.48	3.38	10.18	6.88	10.66

Hs-Troponin I	ng/mL	0.02	15.72	1.67	12.44	5.81	11.90
Troponin I (VIDAS)	ng/L	3308.65	14.06	177.48	19.38		
TSH	μIU/mL	0.68	8.74	5.85	9.26	31.03	12.68
VitB12	pg/mL	148.95	16.68	370.3	11.94	541.44	12.26
HIV Ag/Ab*	S/CO	5.9	15.08	3.25	21.04	3.21	13.36
Anti-HBc*	S/CO	2.39	9.44				
Anti-HBe*	S/CO	0.46	12.22				
Anti-HBs*	mIU/mL	13.4	11.46	77.44	10.98		
Anti-HCV*	S/CO	4.85	16.76				
Anti-HAV IgG*	S/CO	2.03	17.76				
Anti-HAV IgM*	S/CO	1.76	41.78				
HBeAg*	S/CO	3.8	31.32				
HBsAg*	S/CO	3.7	9.84				
Anti-Tg*	IU/mL	20.21	7.22	32.77	7.78	50.58	8.12
Anti-TPO*	IU/mL	21.66	10.96	32.93	8.74	51.57	10.16
Measles IgG*	Index	2.1	23.24				
Rubella IgG*	IU/mL	47.2	22.46				
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血液							
APTT	sec	28.87	2.98	46.77	2.70		
Body fluid cell count, RBC	/uL	12051.9	7.70	1694934.1	1.62	5737055	1.66
Body fluid cell count, WBC	/uL	97.2	18.94	1612.2	3.80	65130.1	2.54
ESR	mm/hr	8.17	41.80	43.10	22.24		
Fibrinogen	mg/dL	75.7	13.02	234.2	6.66		
Hb	g/dL	4.35	2.76	11.23	1.96	15.56	1.68
Hct	%	12.92	2.48	32.37	2.22	47.11	2.26
LA 1	sec	36.42	4.40	58.02	8.06		
LA 2	sec	35.73	5.60	34.36	5.58		
MCH	pg	27.45	1.90	31.3	2.18	29.74	1.74
MCHC	g/dL	33.73	2.20	34.42	2.26	33.1	2.06
MCV	fL	81.49	1.66	89.49	1.58	87.37	1.32
Micro-bilirubin	mg/dL	10.65	15.80	0.45	0.22 (2SD)		
MPV	fL	9.65	1.66	10.05	1.80	10.36	1.74
NRBC	%	0.36	94.44	9.17	10.26	18.31	9.40
Platelet	10 ³ /uL	68	3.82	411.1	3.90	207	3.76
PT	sec	11.08	3.24	27.72	5.98		
RBC	10 ⁶ /uL	1.552	1.80	3.608	2.22	5.243	2.02
RDW	%	17.35	2.66	15.72	2.80	15.06	2.78
WBC	10 ³ /uL	3.37	4.16	18.32	2.52	8.12	3.20
WBC classification,	%	44.56	3.14	65.4	2.44	57.02	2.70

Neutrophil							
WBC classification, Lymphocyte	%	47.19	3.06	14.36	7.52	27.3	5.12
WBC classification, Monocyte	%	6.11	14.72	15.57	7.20	8.19	10.26
WBC classification, Eosinophil	%	3.17	20.82	4.52	20.80	7	15.72
WBC classification, Basophil	%	0	NA	0.01	NA	0.04	NA
鏡檢							
FOBT	ng/mL	26.28	11.88	92.66	7.82		
尿沉渣計數	/uL	1004.2	8.04				
尿液比重(主機台 AX-4060)		1.0043	0.12	1.0312	0.12		
尿液比重(副機台 AE-4020)		1.0052	0.18	1.0295	0.36		
尿液 pH(主機台 AX-4060)		5.002	0.0556 (2SD)	8.323	0.4790 (2SD)		
尿液 pH(副機台 AE-4020)		5.14	0.50 (2SD)	8	0.34 (2SD)		

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