

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	44.24	5.88	132.7	5.54		
(U)BUN	mg/dL	431.1	4.94	693.7	4.5		
(U)Ca	mg/dL	7.36	6.06	10.78	5.2		
(U)Cl	mmol/L	80.81	2.42	183.4	2.22		
(U)Creatinine	mg/dL	61.65	5.12	131.46	6.36		
(U)Glucose	mg/dL	26.77	3.74	281.5	2.68		
(U)K	mmol/L	31.14	4.3	71.6	3.58		
(U)Mg	mg/dL	4.08	3.28	8.49	3.04		
(U)Micro-albumin	mg/dL	3.02	9.86	9.69	6.58		
(U)Micro-total protein	mg/dL	19.8	7.28	62.32	5.92		
(U)Na	mmol/L	78.89	2.66	171.6	2.28		
(U)P	mg/dL	25.12	4.92	49.7	3.1		
(U)Uric acid	mg/dL	14.79	3.08	23.66	2.94		
Albumin	g/dL	4.33	2.72	2.99	3.08		
ALP	IU/L	33.31	14.9	295.81	6.76		
ALT	IU/L	32.13	6.7	187.1	2.36		
Ammonia	μg/dL	80.6	13.64	227.5	7.14		
Amylase	U/L	71.21	3.52	377.1	3.32		
AST	U/L	28.52	5.04	203.4	4.22		
BUN	mg/dL	12.51	8.5	63.24	5.8		
Ca	mg/dL	6.88	3.02	11.75	2.96		
Cholesterol	mg/dL	176.56	3.68	54.5	3.96		
CK	U/L	75.85	6.86	573.15	3.46		
Cl	mmol/L	106.4	2.5	87.82	2.6		
Creatinine	mg/dL	0.93	6.68	6.83	4.54		
CRPHS	mg/dL	1.28	2.34	2.82	2.12		
D-Dimer	ng/mL(FEU)	5322.7	18.58	323.18	16.1		
Direct Bilirubin	mg/dL	0.48	10.94	4.02	4.74		
Ethanol	mg/dL	43.69	20.84	101.48	10.14	28.28	20.08
γ-GT	U/L	20.55	5.64	97.8	2.94		
Glucose	mg/dL	55.32	3.84	360.27	3.5		
HDL	mg/dL	44.47	8.56	14.37	13.58		
Homocysteine	μmol/L	6.42	16.8	11.58	10.88	23.23	8.96

Iron	µg/dL	241.94	3.8	86.06	9.48		
K	mmol/L	2.44	5.08	5.94	2.94		
Ketone body	mmol/L	0.67	20.9	1.68	9.52		
Lactate	mg/dL	11.38	4.38	55.18	4.2		
LDH	IU/L	67.36	8.96	289.9	5.84		
LDL	mg/dL	81.94	14.36	31.18	10.28		
Lipase	U/L	33.11	10.4	87.46	6.36		
Mg	mg/dL	0.92	8.9	4.24	4.72		
Na	mmol/L	146.44	2.42	115.35	2.76		
NT-proBNP	pg/mL	3704.5	12.94	668.4	7.88		
Osmolality	mOsm/kgH2O	399.03	3.04	822.99	2.32		
P	mg/dL	2.5	6.88	7.49	3.88		
PCT	ng/mL	17.57	12.74	1.95	13.4		
TG	mg/dL	241.7	4.02	106.2	4.12		
Total Bilirubin	mg/dL	0.92	6.3	6.07	3.66		
Total Protien	g/dL	6.17	2.98	4.07	3.44		
Transferrin	mg/dL	129.09	3.58	268.09	2.76		
Uric acid	mg/dL	3.32	3.68	10.34	3.16		
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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	6.23	16.88	63.61	14.4	180	13.94
C3	mg/dL	66.81	7.16	141.67	3.94		
C4	mg/dL	16.38	12.46	37.84	7.24		
CA125	U/mL	56.6	11.86	135.7	13.66	411.5	11.98
CA153	U/mL	11.45	19.9	33.32	17.42	55.94	18.32
CA199	U/mL	19.12	17.64	96.7	12.62	290.7	12.4
CEA	ng/mL	1.95	16.24	18.73	12	63.41	17.8
CK-MB	ng/mL	3.1	11.82	12.95	10.22	66.64	9.32
Cortisol	µg/dL	4.55	21.34	20.15	16.8	33.42	15.14
Ferritin	ng/mL	23.68	19.84	133.57	18.42	316.62	17.6
Folate	ng/mL	3.01	15.08	8.96	12.96	13.94	13.32
Free T4	ng/dL	0.73	16.06	2.07	12.2	3.21	10.2
HbA1c	%	4.9	3	10.03	2.38		
HCG	mIU/mL	5.88	12.82	22.62	10.6	382.11	11.78
ICG test	%	14	7.88	42	2.78		
IgE	KIU/L	211.85	19.7				
iPTH	pg/mL	30.8	12.26	255.38	13.12	741.12	12.6
PSA	ng/mL	0.14	19.9	3.99	12.58	17.09	14.66
RF	IU/mL	7.22	47	3.24			
T3	ng/dL	90.02	23.02	195.29	15.8	344.87	16.02

T4	μg/dL	7.98	16.92	12.29	15.38	14.03	13.78
Testosterone	ng/mL	1.02	15.46	3.48	12.18	7.19	15.58
Hs-Troponin I	ng/mL	0.02	17.9	1.71	12.52	5.92	13.74
Troponin I (VIDAS)	ng/L	4141.11	20.36	403.05	20.78		
TSH	μIU/mL	0.68	11.1	6.11	9.26	35.35	11.24
VitB12	pg/mL	148.3	19.28	372.5	14.98	547.6	13.96
HIV Ag/Ab*	S/CO	5.77	22.64	3.55	16.42	3.32	13.54
Anti-HBc*	S/CO	2.28	10.52				
Anti-HBe*	S/CO	0.48	10.82				
Anti-HBs*	mIU/mL	13.43	20.84	76.42	23.92		
Anti-HCV*	S/CO	5.11	11.94				
Anti-HAV IgG*	S/CO	2.21	24.5				
Anti-HAV IgM*	S/CO	1.69	28.9				
HBeAg*	S/CO	3.92	10.56				
HBsAg*	S/CO	3.71	11.6				
Anti-Tg*	IU/mL	169.53	11.26				
Anti-TPO*	IU/mL	76.33	17.54				
Measles IgG*	Index	1.65	20.36				
Rubella IgG*	IU/mL	50.38	23.18				
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血液							
APTT	sec	27.89	2.86	45.9	2.52		
Body fluid cell count, RBC	/uL	12773.7	8.48	1675438	1.76	5720824	2.2
Body fluid cell count, WBC	/uL	110.6	24.42	1785.3	5.46	72392.8	3.28
ESR	mm/hr	7.91	48.26	44.72	19.64		
Fibrinogen	mg/dL	228.8	5.68	78	10.98		
Hb	g/dL	4.34	3.22	11.12	2.7	15.62	2.18
Hct	%	13.43	2.98	33.41	2.82	47.91	2.54
LA 1	sec	34.06	5.1	62.62	8.92		
LA 2	sec	33.73	5.28	34.78	4.42		
MCH	pg	27.1	3.24	30.3	2.64	29.32	2.52
MCHC	g/dL	32.73	3.84	33.02	3.02	32.15	2.98
MCV	fL	82.36	2.84	89.84	1.84	89.96	1.84
Micro-bilirubin	mg/dL	11.45	15.28	0.4	59.86		
MPV	fL	9.24	2.6	9.72	3.5	9.79	3.48
NRBC	%	0.2	110	7.19	13.08	17.76	11.82
Platelet	10 ³ /uL	66.1	4.24	399.4	3.86	207.9	3.76
PT	sec	11.13	3.24	27.62	5.72		

RBC	10 ⁶ /uL	1.574	2.54	3.616	2.32	5.306	2.56
RDW	%	16.78	2.74	15.27	3.14	15.75	3.04
WBC	10 ³ /uL	2.98	4.7	18.69	3.1	8.65	3.46
WBC classification, Neutrophil	%	44.78	3.52	64.99	2.64	55.55	3.42
WBC classification, Lymphocyte	%	45.28	4.02	14.65	8.2	26.71	6.28
WBC classification, Monocyte	%	6.29	13.36	15.02	9.58	8.71	12.62
WBC classification, Eosinophil	%	3.34	29.34	5.09	20.44	7.27	19.26
WBC classification, Basophil	%	0.01	NA	0.02	NA	0.01	NA
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鏡檢 (*:僅針對儀器結果提供不確定度參考，不適用於允收及人工報告判讀)							
FOBT	ng/mL	27.9	13.32	96.04	10.54		
尿沉渣計數*	/uL	960.6	10.42				
尿液比重*	NA	1.01278	0.14	1.0164	0.1		
尿液 pH*	NA	8.46	11.82	5.43	18.56		