

AMR (Analytical measurement range)及 CRR (Clinically reportable range) 一覽表

生化免疫組(異動時發布最新公告)

ITEM	SAMPLE TYPE	單位	AMR	CRR	備註
ALB	Plasma	g/dL	1.5-6 g/dL	1.5-18.0 g/dL	1. 分析數據低於 AMR 低值時，發 <AMR 最低值 2. 分析數據高於 CRR 高值時，發 >CRR 最高值即可 3. 特殊檢體，醫師要求做出最後結果，報告上備註 (data 大於 AMR 值，報告僅供參考)
ALC	Plasma	mg/dL	5-500 mg/dL	10-600 mg/dL	
ALP	Plasma	IU/L	5-1500 IU/L	5-7500 IU/L	
ALT	Plasma	IU/L	3-500 U/L	3-2500 U/L	
AMM	Plasma	μmol/L	10-600 μmol/L	10-600 μmol/L	
AMY	Plasma	U/L	10-2000 U/L	10-10000 U/L	
AST	Plasma	IU/L	3-1000 U/L	3-5000 U/L	
BUN	Plasma	mg/dL	2-130 mg/dL	2-390 mg/dL	
	Urine	mg/dL	20-1300 mg/dL	20-3900 mg/dL	
CALC	Plasma	mg/dL	4-18 mg/dL	4-18 mg/dL	
	Urine	mg/dL	0.1-40 mg/dL	0.1-40 mg/dL	
CHOL	Plasma	mg/dL	25-750 mg/dL	25-750 mg/dL	
CK	Plasma	IU/L	10-2000 U/L	10-∞ U/L	
CKMB	Plasma	ng/mL	0.1-300 ng/mL	0.1-∞ ng/mL	
Cl	Plasma	mmol/L	50-200 mmol/L	50-200 mmol/L	
	Urine	mmol/L	15-400 mmol/L	15-400 mmol/L	
CREA	Plasma	mg/dL	0.2-25.0 mg/dL	0.2-50.0 mg/dL	
	Urine	mg/dL	1-300 mg/dL	1-300 mg/dL	
CRP	Plasma	mg/dL	0.1-48 mg/dL	0.1-144 mg/dL	
hsCRP	Plasma	mg/dL	0.02-8.00 mg/dL	0.02-16.00 mg/dL	
DBIL	Plasma	mg/dl	0.03-10.0 mg/dL	0.03-40.0 mg/dL	
GGT	Plasma	IU/L	3-1200 U/L	3-∞ U/L	
GLU	Plasma	mg/dl	10-800 mg/dL	10-2400 mg/dL	
	CSF	mg/dL	10-800 mg/dL	10-2400 mg/dL	
HDLD	Plasma	mg/dL	2.5-200 mg/dL	2.5-600 mg/dL	
IRON	Plasma	ug/dL	10-1000 ug/dL	10-2000 ug/dL	
K	Plasma	mmol/L	1-10 mmol/L	1-10 mmol/L	
	Urine	mmol/L	2-200 mmol/L	2-200 mmol/L	
LD	Plasma	IU/L	25-1200 U/L	25-∞ U/L	
LDL	Plasma	mg/dL	7-400 mg/dL	7-1200 mg/dL	
LIP	Plasma	U/L	3-600 U/L	3-∞ U/L	
MG	Plasma	mg/dL	0.5-8 mg/dL	0.5-24 mg/dL	
	Urine	mg/dL	0.5-10 mg/dL	0.5-30 mg/dL	

M-TP	Urine	mg/dL	4-200 mg/dL	4-2000 mg/dL
	CSF	mg/dL	4-200 mg/dL	4-2000 mg/dL
UALB	Urine	mg/dL	0.7-45 mg/dL	0.7-900 mg/dL
Na	Plasma	mmol/L	50-200 mmol/L	50-200 mmol/L
	Urine	mmol/L	10-400 mmol/L	10-400 mmol/L
PHOS	Plasma	mg/dL	1-20 mg/dL	1-60 mg/dL
	Urine	mg/dL	10-200 mg/dL	10-600 mg/dL
TBIL	Plasma	mg/dL	0.1-30.0 mg/dL	0.1-60.0 mg/dL
TG	Plasma	mg/dL	10-1000 mg/dL	10-∞ mg/dL
UIBC	Plasma	ug/dL	55-450 mg/dL	55-900 mg/dL
TP	Plasma	g/dL	3-12 g/dL	3-24 g/dL
URIC	Plasma	mg/dL	1.5-30 mg/dL	1.5-60 mg/dL
	Urine	mg/dL	1-100 mg/dL	1-300 mg/dL
Lactate	Plasma	mmol/L	0.22-10.00 mmol/L	0.22-10.00 mmol/L
HCY	Plasma	μmol/L	2-44 μmol/L	2-44 μmol/L
GA	Plasma	%	3.2%~68.1%	3.2%~68.1%
RA	Plasma	IU/mL	10-120 IU/mL	10-1200 IU/mL
ASLO	Plasma	IU/mL	100-1000 IU/mL	100-3000 IU/mL
IgG	Plasma	mg/dL	75-3000 mg/dL	75-9000 mg/dL
IgA	Plasma	mg/dL	10-700 mg/dL	10-2100 mg/dL
IgM	Plasma	mg/dL	20-500 mg/dL	20-1500 mg/dL
C3	Plasma	mg/dL	15-500 mg/dL	15-1500 mg/dL
C4	Plasma	mg/dL	8-150 mg/dL	8-450 mg/dL
TRF	Plasma	mg/dL	75-750 mg/dL	75-2250 mg/dL
β 2 -microglobulin	Plasma	mg/L	0.5 -16.0 mg/L	0.5 -160.0 mg/L
Haptoglobin	Plasma	mg/dL	30-400 mg/dL	30-400 mg/dL
Kappa light chain	Plasma	mg/L	2.0-150.0 mg/L	2.0-1500.0 mg/L
Lambda light chain	Plasma	mg/L	2.9-200.0 mg/L	2.9-2000.0 mg/L
IgG4	Plasma	mg/dL	6.0-500.0 mg/dL	6.0-1500.0 mg/dL
sdLDL	Plasma	mg/dL	4.0-100.0 mg/dL	4.0-300 mg/dL
HbA1C	Whole Blood	%	3.9% ~ 16.9%	3.9% ~ 16.9%
Troponin I	Plasma	ng/ml	0.0023-27.027 ng/mL	0.0023-270.27 ng/mL
Myoglobin	Plasma	ng/ml	1.0 - 4000.0 ng/mL	1.0 - 40000.0 ng/mL
Acetaminophen	Serum	μg/mL	0.12-200 μg/mL	0.12-600 μg/mL
Carbamazepine	Serum	μg/mL	2.0~20.0 μg/mL	2.0~60.0 μg/mL
Digoxin	Serum	ng/mL	0.3~5.0 ng/mL	0.3~5.0 ng/mL
Phenytoin	Serum	μg/mL	0.5~40.0μg/mL	0.5~120.0 μg/mL
Theophylline	Serum	μg/mL	0.75~40.0 μg/mL	0.75~120.0 μg/mL
Valproic Acid	Serum	μg/mL	3.98-150.0 μg/mL	3.98-450.0 μg/mL

Gentamicin	Serum	μg/mL	0.25~10μg/mL	0.25~30 μg/mL
Vancomycin	Serum	μg/mL	2.0~50.0μg/mL	2.0~150.0 μg/mL
Amikacin	Serum	μg/mL	2.5~50 μg/mL	2.5~50 μg/mL
PCT	Plasma	ng/mL	0.02~100 ng/mL	0.02~100 ng/mL
Osmolality	Plasma	mOsm/kg	100-1500 mOsm/kg	100-1500 mOsm/kg
Osmolality	Urine	mOsm/kg	10-4000 mOsm/kg	10-4000 mOsm/kg
pH	全血		6.50-7.80	6.50-7.80
pCO2	全血	mmHg	10.0-150mmHg	10.0-150mmHg
pO2	全血	mmHg	10.0-700.0mmHg	10.0-700.0mmHg
iCa	全血	mmol/L	0.18-5.65mmol/L	0.18-5.65mmol/L
sO2	全血	%	15-100%	15-100%
COHb	全血	%	0-100%	0-100%
MetHb	全血	%	0-100%	0-100%
Ketonebody	全血	mmol/L	0.0 ~ 10.0 mmol/L	0.0 ~ 10.0mmol/L
AFP	Plasma	ng/mL	0.5-3000 ng/mL	0.5-∞ ng/mL
CEA	Plasma	ng/mL	0.1-1000 ng/mL	0.1-∞ ng/mL
CA125	Plasma	IU/mL	0.5-5000 IU/mL	0.5-∞ IU/mL
CA153	Plasma	IU/mL	0.5-1000 IU/mL	0.5-∞ IU/mL
CA199	Plasma	IU/mL	0.8-2000 IU/mL	0.8-∞ IU/mL
PSA	Serum	ng/mL	0.008-150 ng/mL	0.008-∞ ng/mL
Free PSA	Serum	ng/mL	0.005-20 ng/mL	0.005-∞ ng/mL
p2PSA	Serum	pg/mL	0.5-5000 pg/mL	0.5-5000 pg/mL
T3	Plasma	ng/dL	40-600 ng/dL	40-600 ng/dL
T4	Plasma	ug/dL	3.0-24 ug/dL	3.0-24 ug/dL
HCG	Plasma	mIU/mL	0.6-1350 mIU/mL	0.6-∞ mIU/mL
TSH	Plasma	uIU/mL	0.0083 - 100.0 uIU/mL	0.0083 - 100.0 uIU/mL
FT3	Plasma	pg/mL	1.5-20.0	1.5-20.0
FT4	Plasma	ng/dL	0.42-5.0 ng/dL	0.42-5.0 ng/dL
LH	Plasma	mIU/mL	0.12-250.0 mIU/mL	0.12-250.0 mIU/mL
FSH	Plasma	mIU/mL	0.11-150.0 mIU/mL	0.11-150.0 mIU/mL
E2	Plasma	pg/mL	24-1000 pg/mL	24-1000 pg/mL
Prolactin	Plasma	ng/mL	0.82-200 ng/mL	0.82-200 ng/mL
Progesterone	Plasma	ng/mL	0.5-40 g/mL	0.5-40 g/mL
AMH	Plasma	ng/mL	0.02~24 ng/mL	0.02~24 ng/mL
Folate	Plasma	ng/mL	2.2-20.0 ng/mL	2.2-20.0 ng/mL
VitB12	Plasma	pg/mL	148-2000 pg/mL	148-2000 pg/mL

Insulin	Plasma	uIU/mL	1.6-300 uIU/mL	1.6-300 uIU/mL	
Cortisol	Plasma	ug/dL	1.0-59.8 ug/dL	1.0-59.8 ug/dL	
Anti-Tg	Plasma	IU/mL	3.0-1000.0 IU/mL	3.0-1000.0 IU/mL	
Anti-TPO	Plasma	IU/mL	3.0-1000.0 IU/mL	3.0-1000.0 IU/mL	
Thyroglobulin (Tg)	Plasma	ng/mL	0.14-500.0 ng/mL	0.14-500.0 ng/mL	
TRAb	Plasma	IU/mL	1.26-50.0 IU/mL	1.26-50.0 IU/mL	
C-peptide	Plasma	ng/mL	0.03 – 30.00 ng/mL	0.03 – 30.00 ng/mL	
Tacrolimus	Blood	ng/mL	2.0-30.0 ng/mL	2.0-30.0 ng/mL	
Cyclosporine	Blood	ng/mL	30.0-1500.0 ng/mL	30.0-1500.0 ng/mL	
Sirolimus	Blood	ng/mL	2.0-30.0 ng/mL	2.0-30.0 ng/mL	
SCC	Plasma	ng/mL	0.1-70 ng/mL	0.1-70 ng/mL	
Cyfra21-1	Plasma	ng/mL	0.5-100.0 ng/mL	0.5-100.0 ng/mL	
NSE	Serum	ng/mL	1.6-400.0 ng/mL	1.6-400.0 ng/mL	
PIVKA-II	Plasma	mAU/mL	7.6-300000.0 mAU/mL	7.6-300000.0 mAU/mL	
iPTH	Plasma	pg/mL	3.0-30000.0 pg/mL	3.0-3000.0 pg/mL	
Ferritin	Plasma	ng/mL	1.98-1675.56 ng/mL	1.98-1675.56 ng/mL	
NT-proBNP	Plasma	pg/mL	8.3-35000 pg/mL	8.3-35000 pg/mL	
CMV IgG	Plasma	AU/mL	1.12-250.0 AU/mL	1.12-250.0 AU/mL	
CMV IgM	Plasma	S/CO	NA	NA	
Toxoplasma IgG	Plasma	IU/mL	0.2-200 IU/mL	0.2-200.0 IU/mL	
Rubella IgG	Plasma	IU/mL	0.5-500 IU/mL	0.5-500 IU/mL	
Testosterone	Plasma	ng/mL	0.038-18.62 ng/mL	0.038-18.62 ng/mL	
CA 72-4	Plasma	U/mL	0.2-250 U/mL	0.2-250 U/mL	
Vitamin D	Plasma	ng/mL	3.5-154.2 ng/mL	3.5-154.2 ng/mL	
IGF-1	Plasma	ng/mL	7-1600 ng/mL	7-1600 ng/mL	
HAVAb IgG	Plasma	S/CO	NA	NA	
HAVAb IgM	Plasma	S/CO	NA	NA	
HBsAg	Plasma	S/CO	NA	NA	
Anti-HBs	Plasma	mIU/mL	2.0-1000 mIU/mL	2.0-1000 mIU/mL	
Anti-HBc IgM	Plasma	S/CO	NA	NA	

Anti-HBc II	Plasma	S/CO	NA	NA	
HBeAg	Plasma	S/CO	NA	NA	
Anti-HBe	Plasma	S/CO	NA	NA	
HIV Ag/Ab Combo	Plasma	S/CO	NA	NA	
HTLV	Plasma	S/CO	NA	NA	
Total IgE	Plasma	KU/L	2-5000 KU/L	2-5000 KU/L	
Specific IgE	Plasma	KUA/L	0.1-100 KUA/L	0.1-100 KUA/L	
Anti-SSA/Ro	Plasma	EliA U/mL	0.3-240 EliA U/mL	0.3-240 EliA U/mL	
Anti-SSB/La	Plasma	EliA U/mL	0.3-320 EliA U/mL	0.3-320 EliA U/mL	
Anti-Smd	Plasma	EliA U/mL	0.6-480 EliA U/mL	0.6-480 EliA U/mL	
Anti-RNP	Plasma	EliA U/mL	0.3-240 EliA U/mL	0.3-240 EliA U/mL	
Anti-Scl-70	Plasma	EliA U/mL	0.6-240 EliA U/mL	0.6-240 EliA U/mL	
Anti-Jo-1	Plasma	EliA U/mL	0.3-240 EliA U/mL	0.3-240 EliA U/mL	
Anti-dsDNA	Plasma	IU/mL	0.5-400 IU/mL	0.5-400 IU/mL L	
Anti-CCP	Plasma	EliA U/mL	0.4-340 EliA U/mL	0.4-340 EliA U/mL	
Anti-Ribosoma l-P	Plasma	EliA U/mL	0.5-475 EliA U/mL	0.5-475 EliA U/mL	
Anti-MPO	Plasma	IU/mL	0.2-134 IU/mL	0.2-134 IU/mL	
Anti-PR3	Plasma	IU/mL	0.2-177 IU/mL	0.2-177 IU/mL	
Anti-B2 glycoprotein I IgG	Plasma	U/mL	0.6-532 U/mL	0.6-532 U/mL	
Anti-cardiolipin-IgG	Plasma	GPL-U/mL	0.5-418 U/mL	0.5-418 U/mL	
Anti-B2 glycoprotein I IgM	Plasma	U/mL	2.9~576 U/mL	2.9~576 U/mL	
Anti-cardiolipin-IgM	Plasma	MPL-U/mL	0.8~472 U/mL	0.8~472 U/mL	

門檢(血液)組 (異動時發布最新公告)

項 目	AMR	CRR
WBC	0.03 ~ 440.00x10 ³ / uL	0.03 ~ 440.00x10 ³ / uL
RBC	0.01 ~ 8.60 x 10 ⁶ /uL	0.01 ~8 .60 x 10 ⁶ /uL
Hb	0~ 25.5 g/dL	0~25.5 g/dL
MCV	0 ~ 150 fL	0 ~ 150 fL
PLT	2 ~ 5000x 10 ³ /uL	2 ~ 5000x 10 ³ /uL
WBC Diff count	0.03 ~ 440 x 10 ³ /uL	0.03 ~ 440 x 10 ³ /uL
PT	10~90 sec	10~90 sec
APTT	20~180 sec	20~180 sec
INR	依批號不同，約 0.7-8.5	依批號不同，約 0.7-8.5
Fibrinogen	60~1200 mg/dL	60~1200 mg/dL
D Dimer	0.27~4.00 mg/L	0.27~20 mg/L
microbilirubin	0~30 mg/dl	0~30 mg/dl
ESR	1-140 mm/1 hr	1-140 mm/1 hr
FDP	4~150 µg/mL	4~150 µg/mL
Lupus Anticoagulant	SCT Screen : 20~300 秒 SCT Confirm:20~200 秒	SCT Screen : 20~300 秒 SCT Confirm: 20~200 秒

門檢(鏡檢)組(異動時發布最新公告)

ITEM	SAMPLE TYPE	AMR	CRR	備註
iFOBT	Stool	7 ~ 400 ng / mL	7 ~ 400 ng / mL	1. 分析數據低於 AMR 低值時,發<AMR 最低值 2. 分析數據高於 CRR 高值時,發>CRR 最高值即可

微生物分生組 (異動時發布最新公告)

ITEM	SAMPLE TYPE	單位	AMR	CRR	備註
HBV Viral load	Plasma	IU/mL	10-1000000000	10 - 100000000000	1.分析數據低於AMR 低值時，發 <AMR 最低值 2. 分析數據高於CRR 高值時，發 >CRR 最高值即可 3.特殊檢體,醫師要求做出最後結果,報告上備註 (data 大於AMR 值,報告僅供參考)
HCV Viral load	Plasma	IU/mL	15-100000000	15~100000000000	
HIV-1 Viral load	Plasma	copies/mL	40~10000000	40~10000000	