

# 檢驗項目和生物參考區間/臨床決策界限一覽表

\*定量報告的擴充不確定度，係以組合標準不確定度乘以涵蓋因子 k 來表示，相應之涵蓋機率(或信賴水準)約為 95 %\*

## 門檢(鏡檢)組(異動時發布最新公告)

### 糞便免疫潛血法生物參考區間

檢驗項目	檢體種類	生物參考區間
Stool occult blood (EIA/LIA)	Stool	<30 ng/ml ; (-)

尿液常規(Urine Routine)尿液化學 10 項，參考區間如下：

項目		生物參考區間
Glucose	葡萄糖	Negative
Protein	蛋白	Negative
Bilirubin	膽紅素	Negative
Urobilinogen	尿膽素原	<1.0 E.U/dL
pH	酸鹼度	pH 5.0 - 8.5
Blood	血液	Negative
Ketones	酮體	Negative
Nitrite	亞硝酸鹽	Negative
Leukocytes	白血球	Negative
Specific Gravity	比重	1.003-1.035

尿沉渣顯微鏡檢，半定量結果(/HPF)參考區間如下：

項目	參考值(半定量)
RBC	0~2 / HPF
WBC	0~5 / HPF
EP cell	0~5 / HPF
CAST	(-)
BACT	(-)

精液分析檢查，參考值如下：<依據 WHO 2010 Fifth Edition>

精液檢查項目	參考區間
外觀檢測(Appearance)	White-Gray
液化時間(Liquefaction)	<30min
體積(Volum)	$\geq 1.5\text{mL}$
pH	$\geq 7.2$
精蟲計數(Sperm count)	$>15 \times 10^6/\text{mL}$
精蟲活動力(Motility)	PR(a+b):精子呈直線或一大圓周運動，不管速度如何。PR>32% NP(c):非直線運動或尾部小泳動。PR+NP>40% IM(d):沒有運動。
精蟲型態(Morphology)	>4%(正常型態)
白血球(WBC)	$<1 \times 10^6/\text{mL}$

病毒/細菌快篩檢驗項目生物參考區間

檢驗項目	檢體種類	生物參考區間
COVID-19 抗原快篩	Nasal swab	Negative
流行性感冒A/B型病毒抗原	Throat swab	Negative
Influenza A/B-RNA-PCR	Throat swab	Negative
(兒)呼吸道腺病毒抗原快篩檢查	Nasopharyngeal swab	Negative
腺病毒抗原快篩檢查(咽喉拭子)	Nasopharyngeal swab	Negative
(兒)Influenza A Ag /(兒)Influenza B Ag	Nasopharyngeal swab	Negative
(兒)RSV screening test	Nasopharyngeal swab	Negative
呼吸融合細胞病毒試驗 RSV screening test	Nasopharyngeal swab	Negative
肺炎黴漿菌抗原檢測	Throat swab	Negative
人類間質肺炎病毒快速檢測(hMPV)	Nasopharyngeal swab	Negative
Cryptococcal Ag	Blood/CSF	Negative
Streptococcus group B latex screen	mid urine	Negative
Hameophilus influenzae type B latex screen	mid urine	Negative
Chlamydia Tra.Ag	Swab	Negative
Chlamydia Tra.Ag	mid urine	Negative
Streptococcus Pneumococcus Ag	mid urine	Negative
Legionella pneumophila Ag	mid urine	Negative
Streptococcus group A screen	Throat swab	Negative
Helicobacter pyroli Ab	Blood	Negative
Dengue NS-1 Ag	Blood	Negative
Rota virus Ag	Stool	Negative
Adenovirus Ag	Stool	Negative
幽門桿菌糞便抗原檢查	Stool	Negative
諾羅病毒快速檢測	Stool	Negative
Aspergillus Ag	Blood	Negative
	Bronchial Washing	

微生物分生組(異動時發布最新公告)

檢驗項目	檢體種類	生物參考區間
Myco.Pneumonia IgM	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
Myco.Pneumonia IgG	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
EBV-VCA IgA	Blood	Negative : <0.8 Ratio
		Borderline : $\geq 0.8 \sim < 1.1$ Ratio
		Positive : $\geq 1.1$ Ratio
EBV-VCA IgG	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
EBV-VCA IgM	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
EBNA Ab	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
Chlamydia Tra. Ab IgG	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
Chlamydia Tra. Ab IgM	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
Chlamydia pneumonia Ab IgM	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
Mumps IgG	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9 - 1.1 Ratio
		Positive : >1.1 Ratio
Varicella/zoster-IgG	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9-1.1 Ratio
		Positive : >1.1 Ratio
Measles Ab IgG	Blood	Negative : <0.9 Ratio
		Equivocal : 0.9 - 1.1 Ratio
		Positive : >1.1 Ratio
EBV EA+NA IgA	Blood	Negative : <0.9 Ratio
		Grayzone : 0.9 - 1.1 Ratio
		Positive : >1.10 Ratio
RPR	Blood	Non-reactive
TPPA	Blood	<1:80x(-)
TPPA	CSF	<1:10x(-)

檢驗項目	檢體種類	生物參考區間
Widal typhoid O	Blood	≤ 1:160X (-)
Widal typhoid H	Blood	≤ 1:160X (-)
Widal Paratyphi A	Blood	≤ 1:160X (-)
Widal Paratyphi B	Blood	≤ 1:160X (-)
Weil-Felix OX-2	Blood	≤ 1:160X (-)
Weil-Felix OX-19	Blood	≤ 1:160X (-)
Weil-Felix OX-K	Blood	≤ 1:160X (-)
Cold hemoagglutinin	Blood	<16x(-)
Cryoglobulin	Blood	Negative
ANA	Blood	40x(-)
Legionella Ab	Blood	100x(-)
HLA-B27	Blood	Negative
HLA-ABC	Blood	NA
HLA-DR	Blood	NA
HLA%PRA class I	Blood	Negative
HLA%PRA class II	Blood	Negative
Lymphocytotoxin test (PRA)	Blood	Negative
T lymphocyte crossmatch	Blood	Negative
CMV viral load	Blood	<31.2 IU/mL
CMV viral load	Other	Not Detected
EBV viral load	Blood	<40 IU/mL
EBV viral load	Other	Not Detected
HBV DNA 定量	Blood	<10 IU/mL
HBV-YMDD	Blood	NA
HCV RNA 定量	Blood	<15 IU/mL
HCV genotype	Blood	NA
HCV genotype	Blood	Equivocal : 7-10 U/mL
Chlamydia Tra. Ab IgG	Blood	Positive : ≥6.0 index
	Blood	Negative : <16 RU/mL
Chlamydia Tra. Ab IgM	Blood	Positive : ≥22 RU/mL
		Negative : <0.8 ratio
		Borderline : ≥0.8-<1.1 ratio
Chlamydia Tra. Ab IgG	Blood	Positive : ≥1.1 ratio
		<15 µg/L
		30 – 200 mg/dL
HIV viral load	Blood	Trisomy 18 risk:<1:100
	Blood	Negative
	Blood	HIV-1 Not Detected
Isolation and identification of virus	Blood	Virus was not isolate
Isolation and identification of virus	CSF	Virus was not isolate
Isolation and identification of virus	Stool	Virus was not isolate
Isolation and identification of virus	Sputum	Virus was not isolate
Isolation and identification of virus	Throat swab	Virus was not isolate
Isolation and identification of virus	Other	Virus was not isolate

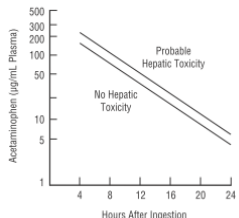
檢驗項目	檢體種類	生物參考區間
Isolation and identification of virus	Urine	Virus was not isolate
Isolation and identification of virus	Wound/Pus	Virus was not isolate
Isolation and identification of virus	Throat swab	NTD Risk:<1:500
Isolation and identification of virus	Other	Trisomy 18 risk:<1:100
硬皮症組合碼 4-1 硬皮症組合碼 4-2 硬皮症組合碼 4-3 硬皮症組合碼 4-4	Blood	Negative
皮肌炎組合碼 4-1 皮肌炎組合碼 4-2 皮肌炎組合碼 4-3 皮肌炎組合碼 4-4	Blood	Negative
皮肌炎組合碼 4-1 皮肌炎組合碼 4-2 皮肌炎組合碼 4-3 皮肌炎組合碼 4-4	Blood	Equivocal : 7-10 EliA U/MI Positive : >10 EliA U/mL
呼吸道病原體多標的核酸檢測	Nasal swab	Not Detected
呼吸道病原體多標的核酸檢測	Nasal swab	Positive : > 5.0 IU/mL
腦膜炎/腦炎病原體多標的核酸檢測	CSF	Not Detected
肺炎病原體多標的核酸檢測套組	Bronchial Washing	Not Detected
肺炎病原體多標的核酸檢測套組	Bronchial Washing	Positive : $\geq 10^{3.5}$ copies/mL
血液培養鑑定多標的核酸檢測 9-1 ~ 9-9	陽性血瓶	Not Detected
腸胃道病原體多標的核酸檢測 8-1 ~ 8-8	Stool	Not Detected
COVID-19	Nasal swab	Negative
BK virus viral load	Blood	Not Detected
BK virus viral load	Blood	Positive : $\geq 20$ RU/ml
EB virus viral load	Urine	Not Detected
COVID-19 PCR 定性試驗	Nasal swab Sputum	Negative
<del>COVID-19 PCR 定性試驗</del>	<del>Nasal swab</del> <del>Sputum</del>	Positive
PJP PCR	Sputum	Not Detected
PJP PCR	Bronchial Washing	Not Detected
SLE Screen 組合碼 4-1 SLE Screen 組合碼 4-2 SLE Screen 組合碼 4-3 SLE Screen 組合碼 4-4	Blood	Negative
SLE Screen 組合碼 4-1	Blood	男性:18- <30 歲: 24-70ng/mL
SLE Screen 組合碼 4-2	Blood	男性:30-50 歲: 14-42 ng/mL
SLE Screen 組合碼 4-3	Blood	男性:>50-70 歲: 14-46 ng/mL
SLE Screen 組合碼 4-4	Blood	女性:停經前,>20 歲:11-43 ng/mL 女性:停經後(沒有 HRT ):15-46

檢驗項目	檢體種類	生物參考區間
		ng/mL
		女性:骨質疏鬆病患: 13-48 ng/mL

檢驗項目	檢體種類	生物參考區間
Acid-fast culture (抗酸菌培養)	Any	Negative
抗酸菌培養(限同時使用固態培養基)	Any	Negative
Acid Fast Stain (抗酸菌檢查)	Any	No AFB Seen
抗酸性濃縮抹片染色檢查		
Blood Culture (血液培養)	Any	No Growth
分枝桿菌/黴菌的血液培養		
Aerobic special culture for campylobacter (好氧特別培養)	Stool	Not found
Leginella pneumonia (退伍軍人症)	Sputum	Not found
丙型干擾素釋放試驗IGRA檢驗	Blood	NA
C.D.Toxin--困難梭狀桿菌去氧核糖核酸類定性擴增試驗	Stool	Negative
Xpert MTB Ultra assay去氧核糖核酸類定量擴增試驗	Any	Negative
Xpert RIF Ultra assay去氧核糖核酸類定性擴增試驗	Any	Negative
VRE主動篩檢	Stool	Not found
孕婦乙型鏈球菌篩檢GBS Screen	Swab	Not found
MRSA 主動篩檢	Other	Not found
胃幽門螺旋桿菌特殊培養法	Tissue	No isolate

生化免疫組(異動時發布最新公告)

檢驗項目	檢體種類	生物參考區間
Glucose	Blood	AC 70-100 mg/dL PC 75-140 mg/dL Random 70-140 mg/dL 1hrs 90-160 mg/dL
	CSF	40-70 mg/dL
TP	Blood	6.4-8.9 g/dL
Albumin	Blood	3.5-5.7 g/dL
AST	Blood	13-39 U/L
ALT	Blood	7-52 U/L
Alk-p	Blood	34-104 U/L
r-GT	Blood	9-64 U/L
T-Bili	Blood	0.3-1.0 mg/dL
D-Bili	Blood	0.03-0.18 mg/dL
LDH	Blood	140-271 U/L
CPK	Blood	30-223 U/L
HDL-C	Blood	>40 mg/dL
LDL-C	Blood	<130 mg/dL
Chol	Blood	<200 mg/dL
TG	Blood	<150 mg/dL
BUN	Blood	7-25 mg/dL
BUN (U)	Urine	單次: 350-1000 mg/dL 24hrs: 12-20 mg/dL
CRE	Blood	0.60-1.30 mg/dL
CRE (U)	Urine	單次:30-125 mg/dL 24hrs: 0.6-2 mg/dL
UA	Blood	2.3-7.6 mg/dL
UA (U)	Urine	單次:7.5-49.5 mg/dL 24hrs: 250-750 mg/dL
Na	Blood	136-146 mmol/L
Na (U)	Urine	單次:20-110 mmol/L 24hrs :40-220 mmol/day
K	Blood	3.4-5.1 mmol/L
K (U)	Urine	單次:12-62 mmol/L 24hrs :25-125 mmol/L
Cl	Blood	101-109 mmol/L
Cl (U)	Urine	單次:55-125 mmol/L 24hrs :110-250 mmol/L
Ca	Blood	8.6-10.3 mg/dL
Ca (U)	Urine	單次:2.0-17.5 mg/dL 24hrs: 100-300 mg/dL
P	Blood	2.5-5.0 mg/dL
P (U)	Urine	單次:20-60 mg/dL 24hrs: 0.4-1.3 mg/dL
Fe	Blood	50-212 µg/dL

檢驗項目	檢體種類	生物參考區間
TIBC	Blood	255-450 µg/dL
Amylase	Blood	29-103 U/L
Lipase	Blood	11-82 U/L
Mg	Blood	1.9-2.7 mg/dL
Mg (U)	Urine	單次:1-13 mg/dL 24hrs: 72.9-121.5 mg/dL
M-Alb(UR)	Urine	<1.9 mg/dL
	CSF	10-30 mg/dL
MTP(UR)	Urine	單次:10-20 mg/dL 24hrs: 50-100 mg/dL
	CSF	15-45 mg/dL
Lactate	Blood	0.5-2.2 mmol/L
Lactate	CSF	1.1-2.4 mmol/L
CRP	Blood	<0.5 mg/dL
hs-CRP	Blood	Low Risk(AHA/CDC): <0.1 mg/dL
		High Risk(AHA/CDC):>0.3 mg/dL
HCY	Blood	<60 歲 : 5-15 µmol/L
		>60 歲 : 5-20 µmol/L
GA	Blood	正常 : 11.0%~16.0% 洗腎病人 : <20% 懷孕婦女 : 11.5%~15.7%
Ammonia	Blood	16-53 umol/L
Alcohol	Blood	0-30 mg/dL
Acetaminophen	Blood	 <p>10-30 ug/mL Toxic:</p> <p>下方的線代表乙醯對氨基酚的濃度比預期會引起肝毒性的濃度低 25%。此線已考慮進測定值可能出現錯誤或估計攝取過量藥物後所經過的時間。</p>
Carbamazepine	Blood	4-12 ug/mL Toxic:> 12ug/mL
Phenytoin	Blood	10~20 ug/mL Toxic:> 20ug/mL
Valproic acid	Blood	50~100 ug/mL Toxic: > 100 µg/mL
Digoxin	Blood	HF/Afib: 0.5-0.9 ng/mL (Digoxin trough > 1.2 ng/mL may be associated with increased mortality in Afib) Toxic:> 12ng/mL
Theophylline	Blood	[Adult]10.0-20.0µg/mL

檢驗項目	檢體種類	生物參考區間
		[Pediatric]5.0-15.0µg/mL Toxic: >20.0µg/mL
Gentamicin	Blood	Therapeutic:[Adult] 4-10 µg/mL [Pediatric] 4-12 µg/mL Toxic: >10-12 µg/mL
Vancomycin	Blood	Therapeutic levels: Trough:10-20 µg/mL (Complicated infections: 15-20 µg/mL) Peak: 20 - 40 µg/mL Toxic: > 80 µg/mL
RA	Blood	<14.0 IU/mL
ASLO	Blood	0~250 IU/mL
IgG	Blood	635-1741 mg/dl
IgG	urine	<10 mg/dl
IgA	Blood	66-433 mg/dl
IgM	Blood	45-281 mg/dl
C3	Blood	87-200 mg/dl
C4	Blood	19~52 mg/dl
TRF	Blood	203~362 mg/dl
$\beta 2$ -microglobulin	Blood	0.97 -1.84 mg/L
Haptoglobin	Blood	44~215 mg/dL
Kappa light chain	Blood	3.3~19.4 mg/L
Lamda light chain	Blood	5.71~26.3 mg/L
Kappa/Lambda ratio	Blood	0.22~1.74
IgG4	Blood	3.0~201.0 mg/dL
sdLDL	Blood	<35.0 mg/dL
HbA1c	Blood	*臨床決策值:4.0~6.0%
Blood Gas pH	Blood	7.34~7.45
Blood Gas pCO2	Blood	32~45 mmHg
Blood Gas pO2	Blood	75~100 mmHg
Ca <sup>++</sup>	Blood	1.13-1.32 mmol/L
COHb	Blood	<1.5%
MetHb	Blood	<1.5%
Osmolality	Blood	275~295 mOSM/l
	Urine	50~1200 mOSM/l
Troponin I	Blood	0~0.04 ng/mL
CK-MB	Blood	0.6~6.3 ng/mL
NT-ProBNP	Blood	生物參考區間<125 pg/mL Heart failure < 50 years : > 450 pg/mL 50-75 years : >900 pg/mL > 75 years : >1,800 pg/mL

檢驗項目	檢體種類	生物參考區間															
Ketonebody	Blood	<0.6 mmol/L															
Procalcitonin	Blood 定量	*臨床決策值:<0.5ng/mL															
Tricyclic Antidepressants	Urine	Negative :cut off <1000 ng/ml															
Opiates	Urine	Negative :cut off <300 ng/ml															
Cocaine	Urine	Negative :cut off <300 ng/ml															
Amphetamines	Urine	Negative :cut off <500 ng/ml															
THC	Urine	Negative :cut off <50 ng/ml															
Barbiturates	Urine	Negative :cut off <300 ng/ml															
Acetaminophen	Urine	Negative :cut off <5 ng/ml															
Benzodiazepine	Urine	Negative :cut off <300 ng/ml															
AFP	Blood	<9.0 ng/mL															
CEA	Blood	<5 ng/mL															
CA125	Blood	<35 IU/mL															
CA153	Blood	<23.5 IU/mL															
CA199	Blood	<35 IU/mL															
PSA	Blood	<4 ng/mL															
Free PSA	Blood	-															
PHI	Blood	<b>Patients with PSA between 2 and 10 ng/mL</b>															
		<table border="1"> <thead> <tr> <th>Phi數值範圍</th> <th>95%信心指數下的 平均前列腺癌機率</th> <th>癌症風險及建議</th> </tr> </thead> <tbody> <tr> <td>0-21</td> <td>8.40%</td> <td>極低風險，建議可每年定期追蹤即可</td> </tr> <tr> <td>21-40</td> <td>21.00%</td> <td>低風險，建議可半年到一年定期追蹤</td> </tr> <tr> <td>&gt;40</td> <td>44.00%</td> <td>中風險，建議可進一步由醫師搭配其他相關檢查及風險因子評估</td> </tr> <tr> <td></td> <td>50.10%</td> <td>中高風險，建議可進一步由醫師搭配其他相關檢查及風險因子評估</td> </tr> </tbody> </table>	Phi數值範圍	95%信心指數下的 平均前列腺癌機率	癌症風險及建議	0-21	8.40%	極低風險，建議可每年定期追蹤即可	21-40	21.00%	低風險，建議可半年到一年定期追蹤	>40	44.00%	中風險，建議可進一步由醫師搭配其他相關檢查及風險因子評估		50.10%	中高風險，建議可進一步由醫師搭配其他相關檢查及風險因子評估
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βHCG	Blood	♂: <5mIU/ml															
		♀: <5mIU/ml															
		LMP 3-4 weeks :9-13 mIU/ml															
		LMP 4-5 weeks :75-2600 mIU/ml															
		LMP 5-6 weeks :850-20800 mIU/ml															
		LMP 6-7 weeks :4000-100200 mIU/ml															
LMP 7-12 weeks :11500-289000 mIU/ml																	
LMP 12-16 weeks :18300-137000 mIU/ml																	
LMP 16-29 weeks :1400-53000 mIU/ml																	
LMP 29-41 weeks :940-60000 mIU/ml																	
TSH	Blood	0.35~4.94 uIU/mL															
T3	Blood	35~193 ng/dL															
T4	Blood	4.87~11.72 ug/dL															
FT3	Blood	1.58-3.91 pg/mL															
FT4	Blood	0.70~1.48 ng/dL															
TSHR Ab	Blood	<1.99 IU/mL															
Anti-Tg	Blood	< 4.11 IU/mL															
Anti-TPO	Blood	<5.61 IU/mL															
Thyroglobulin	Blood	3.68-64.15 ng/mL															

檢驗項目	檢體種類	生物參考區間																																								
FSH	Blood	Males : 0.95-11.95 mIU/mL Female: Follicular phase:3.03-8.08 mIU/mL Mid-cycle phase: 2.55-16.69 mIU/mL Luteal phase: 1.38-5.47 mIU/mL Postmenopausal: 26.72-133.41 mIU/mL																																								
LH	Blood	Males :0.57-12.07 pg/mL Female: Follicular phase:1.80-11.78 pg/mL Mid-cycle phase: 7.59-89.08 pg/mL Luteal phase: 0.56-14.00 pg/mL Postmenopausal: 5.16-61.99 pg/mL																																								
E2	Blood	Males : 11-44 pg/mL Female: Follicular phase:21-251 pg/mL Mid-cycle phase: 38-649 pg/mL Luteal phase: 21-312 pg/mL Postmenopausal Females not on HRT : <10 - 28 pg/mL Postmenopausal Females on HRT*:<10 - 144 pg/mL																																								
Prolactin	Blood	Males : 3.46-19.40 ng/mL Females : 5.18-26.53 ng/mL																																								
Progesterone	Blood	Males : <0.1-0.2 ng/mL Female: Follicular phase:<0.1-0.3 ng/mL Luteal phase: 1.2-15.9 ng/mL Postmenopausal: <0.1-0.2 ng/mL Pregnant females: 1st Trimester: 2.8-147.3 ng/mL 2nd Trimester: 22.5-95.3 ng/mL 3rd Trimester: 27.9-242.5 ng/mL																																								
Folate	Blood	3.1-20.5 ng/mL																																								
Vit B12	Blood	187-883 pg/mL																																								
Insulin	Blood	1.9~23 uIU/mL																																								
AMH	Blood	<table border="1"> <thead> <tr> <th>Adult Reference Group</th> <th>Age Range (years)</th> <th>N</th> <th>Median ng/mL (pmol/L)</th> <th>95% RI ng/mL (pmol/L)</th> </tr> </thead> <tbody> <tr> <td>Females</td> <td>18-25</td> <td>80</td> <td>3.71 (26.49)</td> <td>0.96-13.34 (6.82-95.22)</td> </tr> <tr> <td>Females</td> <td>26-30</td> <td>82</td> <td>2.27 (16.21)</td> <td>0.17-7.37 (1.22-52.66)</td> </tr> <tr> <td>Females</td> <td>31-35</td> <td>80</td> <td>1.88 (13.43)</td> <td>0.07-7.35 (0.53-52.48)</td> </tr> <tr> <td>Females</td> <td>36-40</td> <td>80</td> <td>1.62 (11.60)</td> <td>0.03-7.15 (0.20-51.03)</td> </tr> <tr> <td>Females</td> <td>41-45</td> <td>79</td> <td>0.29 (2.05)</td> <td>0.00-3.27 (0.00-23.35)</td> </tr> <tr> <td>Females</td> <td>≥ 46</td> <td>82</td> <td>0.01 (0.06)</td> <td>0.00-1.15 (0.00-8.19)</td> </tr> <tr> <td>Males</td> <td>&gt; 18</td> <td>83</td> <td>4.87 (34.77)</td> <td>0.73-16.05 (5.20-114.60)</td> </tr> </tbody> </table>	Adult Reference Group	Age Range (years)	N	Median ng/mL (pmol/L)	95% RI ng/mL (pmol/L)	Females	18-25	80	3.71 (26.49)	0.96-13.34 (6.82-95.22)	Females	26-30	82	2.27 (16.21)	0.17-7.37 (1.22-52.66)	Females	31-35	80	1.88 (13.43)	0.07-7.35 (0.53-52.48)	Females	36-40	80	1.62 (11.60)	0.03-7.15 (0.20-51.03)	Females	41-45	79	0.29 (2.05)	0.00-3.27 (0.00-23.35)	Females	≥ 46	82	0.01 (0.06)	0.00-1.15 (0.00-8.19)	Males	> 18	83	4.87 (34.77)	0.73-16.05 (5.20-114.60)
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Indocyanine Green Test , ICG	Blood	15 mins<10%																																								
Cortisol	Blood	AM:3.7-19.4 µg/dL PM:2.9-17.3 µg/dL																																								
	24hrs Urine	4.3-176 µg/dL																																								
Myoglobin	Blood	Male : 17.4~105.7 ng/mL , Female : 14.3~65.8 ng/mL																																								
SCC	Blood	<1.5 ng/mL																																								

檢驗項目	檢體種類	生物參考區間
Cyclosporine A	Blood	100~400 ng/mL
FK506	Blood	5~20 ng/mL
Anti-Tg	Blood	< 4.11 IU/mL
Anti-TPO	Blood	< 5.61 IU/mL
C-peptide (C-胜鍊胰島素)	Blood	0.78~5.19 ng/mL
Sirolimus	Blood	N/A
IL-6	Blood	< 7.0 IU/mL
血紅素電泳分析 Hb electrophoresis	Blood	Hb A : 96.8 – 97.8% Hb F : 0.0 – 1.0% Hb A2 : 2.2 – 3.2%
蛋白質電泳分析 Protein electrophoresis	Blood	Protein 6.4-8.9 g/dl Albumin 55.8-66.1 % Alpha-1 2.9-4.9 % Alpha-2 7.1-11.8 % Beta-2 4.7-7.2 % Beta-2 3.2-6.5 % Gamma 11.1-18.8 %
免疫電泳分析 Immunoelectrophoresis	Blood	No paraprotein
Anti-HAV IgM	Blood	Negative: <0.8 S/CO Grayzone : 0.8-1.2 S/CO Positive: >1.2 S/CO
Anti-HAV IgG	Blood	Nonreactive < 1.00 S/CO
HBsAg	Blood	Nonreactive < 1.00 S/CO
Anti-HBs	Blood	protective $\geq$ 10 mIU/mL
HBeAg	Blood	Nonreactive < 1.00 S/CO
Anti-HBe	Blood	Nonreactive $\geq$ 1.00 S/CO
Anti-HBc	Blood	Nonreactive < 1.00 S/CO
Anti-HBc IgM	Blood	Nonreactive < 1.00 S/CO
Anti-HCV	Blood	Nonreactive < 1.00 S/CO
CMV IgG	Blood	Nonreactive: <6.0 AU/mL
CMV IgM	Blood	Nonreactive: < 0.85 S/CO Grayzone : 0.85-0.99 Reactive: $\geq$ 1.00
Toxoplasma IgG	Blood	Nonreactive: <1.6 IU/mL Grayzone (Equivocal): 1.6 to 3.0 IU/mL Reactive: $\geq$ 3.0 IU/mL
Rubella IgG	Blood	Negative: 0.0 to 4.9 Grayzone (Equivocal): 5.0 to 9.9 Positive: $\geq$ 10.0
PSA	Blood	< 4.0 ng/mL
Free PSA	Blood	Free PSA/Total PSA(%Free )PSA: >25%
Ferritin	Blood	Males : 21.81-274.66ng/ml Females : 4.63-204.0 ng/ml

檢驗項目	檢體種類	生物參考區間
Testosterone	Blood	Males: 21-49y/o:240-871 ng/dL >50y/o:221-716 ng/dL Females: 21-49y/o:14-53 ng/dL >50y/o:12-36 ng/dL
Intact parathyrin	Blood	15.0~68.3 pg/ml
Vitamin D	Blood	≥30 ng/mL
ACTH	Blood	7.2-63.3 pg/mL
NSE	Blood	<11.1 ng/ml
Cyfra 21-1	Blood	≤ 2.08 ng/ml
CA 72-4	Blood	<6.9 U/ml
PIVKA-II	Blood	<40 mAU/mL
HSV-IgG Type1	Blood	Nonreactive < 1.00 S/CO
HSV-IgG Type2	Blood	Nonreactive < 1.00 S/CO
HTLV-I/II	Blood	Nonreactive < 1.00 S/CO
HIV Combi PT	Blood	Nonreactive < 1.00 S/CO
MAST	Blood	0~26 LU
IgE	Blood	小孩< 100 kU/L 成人< 200 kU/L
Low Range IgE	Blood	<1.0 kU/L
Allergen screen test	Blood	<0.35 PAU/L Negative
Specific IgE	Blood	<0.35 kUA/L
Anti-dsDNA	Blood	Negative : <10 IU/m l Equivocal : 10-15 IU/m l Positive : >15 IU/m l
Anti-ENA screening	Blood	Negative : <0.7 Ratio Equivocal : 07-1.0 Ratio Positive : >1.0 Ratio
Anti-Ro	Blood	Negative : < 7 EliA U/mL Equivocal : 7-10 EliA U/mL Positive : >10 EliA U/mL
Anti-La	Blood	Negative : < 7 EliA U/mL Equivocal : 7-10 EliA U/mL Positive : >10 EliA U/mL
Anti-Sm Ab	Blood	Negative : < 7 EliA U/mL Equivocal : 7-10 EliA U/mL Positive : >10 EliA U/mL
Anti-RNP	Blood	Negative : < 5 EliA U/mL Equivocal : 5-10 EliA U/mL Positive : >10 EliA U/mL
Anti-J 0-1	Blood	Negative : < 7 EliA U/mL Equivocal : 7-10 EliA U/mL

檢驗項目	檢體種類	生物參考區間	
		Positive : >10 EliA U/mL	
Anti-Scl-70	Blood	Negative : < 7 EliA U/mL Equivocal : 7-10 EliA U/mL Positive : >10 EliA U/mL	
Anti-CCP	Blood	Negative : <5.0 U/mL Positive : ≥ 5.0 U/mL	
Anti-B2 glycoprotein IgG	Blood	Negative : < 7 U/mL	
Anti-cardiolipin-IgG	Blood	Negative : < 10 GPL-U/mL Weak Positive : 10-40 GPL-U/mL Positive : > 40 GPL-U/mL	
Anti-phospholipid antibody IgG	Blood	Negative	
Anti-PR3(cANCA)	Blood	Negative : < 2.0 IU/mL	
Anti-MPO(pANCA)	Blood	Positive : < 3.5 IU/mL	
HIV 1/2 確認試驗	Blood	Negative	
Anti-Phospholipid antibody-IgM	Blood	NEGATIVE	
Anti-B2 glycoprotein-IgM	Blood	Negative : < 7 U/mL Equivocal : 7-10 U/mL Positive : > 10 U/mL	
Anti-Cardiolipin-IgM	Blood	Negative : < 10 MPL-U/mL Weak Positive : 10-40 MPL-U/mL Positive : > 40 MPL-U/mL	
IGF-1	Blood	Male /Age(歲)	ng/mL
		0.25	12-94.1
		0.5	11.8-94.6
		1	11.8-96.4
		2	13.9-104
		3	18.9-116
		4	26.8-134
		5	36.6-156
		6	47.1-184
		7	57.5-216
		8	67.5-254
		9	76.9-296
		10	85.7-343
		11	93.9-392
		12	101-434
		13	108-467
		14	115-489
		15	120-501
		16	125-503
		17	129-495
		18	132-476
		19	134-450
		20	136-421
21	137-394		
22	137-370		
23	136-348		
			135-328

檢驗項目	檢體種類	生物參考區間	
		24	132-310
		25	130-295
		26	128-282
		27	125-271
		28	123-263
		29	120-257
		30	118-253
		31	116-250
		32	114-247
		33	111-244
		34	109-242
		35	107-239
		36	105-236
		37	103-234
		38	101-231
		39	98.5-229
		40	96.4-226
		41	94.4-223
		42	92.4-221
		43	90.5-218
		44	88.5-216
		45	86.5-214
		46	84.6-211
		47	82.6-209
		48	80.6-207
		49	78.7-205
		50	76.7-203
		51	74.8-201
		52	72.8-200
		53	70.9-198
		54	68.9-196
		55	67-195
		56	65.3-194
		57	63.7-193
		58	62.3-192
		59	61.1-191
		60	60-190
		61	59.2-189
		62	58.5-188
		63	57.9-188
		64	57.4-187
		65	56.8-186
		66	56.3-186
		67	55.8-185
		68	55.2-185
		69	54.7-185
		70	54.1-184
		71	53.6-184
		72	53-184
		73	52.4-184
		74	51.9-184
		75	51.3-184
		76	50.7-184
		77	50.2-184

檢驗項目	檢體種類	生物參考區間	
		78	49.6-184
		79	-
		80	
		Female/ Age(歲)	ng/mL
		0.25	13.8-86.4
		0.5	15.4-92
		1	18.7-104
		2	26.1-128
		3	34.2-155
		4	43.2-185
		5	53-216
		6	63.6-250
		7	75-286
		8	87.3-324
		9	99.9-363
		10	112-398
		11	123-427
		12	132-451
		13	140-468
		14	146-480
		15	151-485
		16	154-485
		17	156-479
		18	156-466
		19	155-449
		20	152-429
		21	148-410
		22	143-392
		23	138-375
		24	134-359
		25	130-343
		26	126-329
		27	122-315
		28	118-303
		29	115-292
		30	112-281
		31	109-271
		32	107-263
		33	104-255
		34	102-248
		35	100-242
		36	98.3-238
		37	96.5-234
		38	94.8-231
		39	93.1-228
		40	91.4-227
		41	89.8-225
		42	88.1-224
		43	86.5-222
		44	84.9-221
		45	83.3-220
		46	81.8-219
		47	80.2-218
		48	78.7-218

檢驗項目	檢體種類	生物參考區間	
		49	77.2-217
		50	75.7-215
		51	74.3-214
		52	72.8-212
		53	71.4-210
		54	70-207
		55	68.6-204
		56	67.3-201
		57	65.9-198
		58	64.6-194
		59	63.3-190
		60	62-186
		61	60.7-182
		64	57.3-173
		65	56.3-170
		66	55.5-168
		67	54.8-166
		68	54.2-164
		69	53.8-163
		70	53.5-162
		71	53.3-161
		72	53.2-160
		73	53.2-160
		74	53.3-160
		75	53.5-160
		76	53.7-161
		77	54-162
		78	54.3-163
		79	54.7-164
		80	55.1-166

生化免疫組委外項目(異動時發布最新公告)

檢驗項目	檢體種類	生物參考區間
5-HIAA	24hrs Urine	2-8 mg/day
Acid Phosphatase	Blood	0~0.8 U/L
Aluminum(AL)	Blood	正常人:<10 ug/L , 洗腎病人:<20 ug/L
ALP-EP	Blood	ALP:32-91 U/L Liver:12-66 U/L Bone:15-62 U/L Intestine:0.0-2.2 U/L Fast liver:0.0-0.0 U/L
Amikacin	Blood	Trough:1-4 ug/mL , Peak:20-25 ug/mL , Toxic:>30 ug/mL
Arsenic ,AS	24hrs Urine	Under 100ug/g creatinine 或 Under 50ug/24hrs 無機砷,尿液:Totalinorganic As <50ug/g Creatinine
Arsenic ,AS	Blood	<20ug/ L
BAP	Blood	5.1- 20.2 ug/L
Benzodiazepine	Urine	Negative,<200 ng/mL for urine
Cadmium ,Cd	Urine	<2.6 ug/L
Cadmium ,Cd	Blood	<3.9 ug/L
Catecholamine	24hrs Urine	Nor-epinephrine : <97 ug/day Epinephrine : <27 ug/day Dopamine : <500 ug/day
Cholinesterase	Blood	7~19 U/mL
CK Isoenzyme	Blood	BB:0-1.8% , MB:0-2.7% , MM:95.8-100.0%
Copper ,CU	Blood	700~1500 ug/L
Copper ,CU	24hrs Urine	<60 ug/day
Everolimus	Blood	3~8 ng/mL
Free T3	Blood	2.3~4.2pg/mL
Hg	Blood	<20 ug/L
LDH electrophoresis	Blood	LDH1 :17.7~31.5% , LDH2 :28.0~35.7% LDH3 :20.8~26.8% , LDH4 :6.4~12.7% LDH5 :4.5~16.0% ,LD1/LD2 ratio :0~1.0
Lead ,Pb	Blood	Adult < 10 ug/dL , Children : <5 ug/dl 勞工干預值: Male > 40 ug/dL , Female : >30 ug/dL
Lithium , Li	Blood	0.60~1.20 meq/L
血液硒元素 (selenium)檢測	Blood	110.0-180.0 ug/L (ppb)
Methanol	Blood	Undetectable , Toxic : >20 mg/dL

Methotrexate ,MTX	Blood	Toxic: 24hrs >10 umol/L 48hrs >1.0 umol/L 72hrs >0.1 umol/L
Paraquat	Blood	Undetectable,<0.0 ng/mL
Phenobarbital	Blood	15~40 ug/mL , Toxic: >50 ug/mL
Stone analysis	Other:結石	無,報告以成份百分比表示。
Vanillylmandelic Acid , VMA	24hrs Urine	1.0~7.5 mg/day
Zinc , Zn	Blood	700~1200 ug/L
CSF 蛋白質電泳分析	CSF	Normal
尿液蛋白質電泳分析	urine	Normal
尿液免疫電泳分析	urine	Negative
CSF 免疫電泳分析	CSF	Absent
HBsAg(quantitative)	Blood	<0.005 IU/mL
HBV-YMDD	Blood	NA
Amoebic Ab test	Blood	Negative: <9.0 NTU Units Positive : > 11.0 NTU Units
Anti Basement membrane zone Ab	Blood	1:20x (-)
Anti Intercellular substance antibody	Blood	1:20x (-)
Anti-mitochondrial Ab	Blood	<20X(-)
Anti- Gastric parietal cell antibody	Blood	<10X(-)
anti-smooth muscle antibody	Blood	<20X(-)
Apo A1	Blood	男 104-202mg/dl 女 108-225mg/dl
Apo B	Blood	男 46-174mg/dl 女 46-142mg/dl
Ceruloplasmin	Blood	17-31 mg/dL
Chlamydia Tra. Ab IgA	Blood	Negative : <5.0 index Equivocal : ≥5.0 – <6.0 index Positive : ≥6.0 index
ECP Test	Blood	<15 µg/L
Herpes simplex virus IgM Ab	Blood	Negative : <0.9 index Equivocal : 0.9~1.09 index Positive : ≥1.1 index
HLA B1502	Blood	Negative
HLA-B5801	Blood	Negative
IgD	Blood	<132.1 mg/L
Measles virus IgM Ab	Blood	Negative : <0.8 Ratio

		Borderline : $\geq 0.8 - < 1.1$ Ratio Positive : $\geq 1.1$ Ratio
Mumps virus IgM	Blood	Negative : $< 0.9$ index Equivocal : $\geq 0.9 - < 1.1$ index Positive : $\geq 1.1$ index
Prealbumin	Blood	18-40 mg/dL
Rubella IgM	Blood	Negative : $< 1.2$ index Gray zone : 1.2-1.59 index Positive : $\geq 1.6$ index
Toxoplasma IgM	Blood	Negative : $< 0.5$ index Equivocal : 0.5-0.59 index Positive : $\geq 0.6$ index
Varicella-zoster virus IgM	Blood	Negative : $< 0.9$ index Equivocal : 0.9 – 1.09 index Positive : $\geq 1.1$ index
VDRL	CSF	Non-Reactive
抗胰蛋白酶	Blood	90 - 200 mg/dL
Anti-GBM	Blood	Negative : $< 7.0$ U/mL Equivocal : 7.0- 10 U/mL Positive : $> 10$ U/mL
初期唐氏症篩檢	Blood	Down's Risk: $< 1:270$ Trisomy 13 risk: $< 1:100$ Trisomy 18 risk: $< 1:10$
中期唐氏症四項指標血清篩檢	Blood	Down's Risk: $< 1:270$ NTD Risk: $< 1:500$ Trisomy 18 risk: $< 1:100$ alpha-feto Protein MoM : 0.50-2.00 beta-hCG MoM : 0.50-2.00 Unconjugated estriol (free E3) MoM : 0.50-2.00 Inhibin A MoM : 0.50-2.00
子癲前症篩檢	Blood	Preeclampsia Risk $< 34$ weeks : $< 1:200$ Preeclampsia Risk $< 37$ weeks : $< 1:150$ Growth restriction Risk $< 37$ week: $< 1:150$
X 染色體脆折症	Blood	正常型(NOR)範圍 : 5-44 中間型(INT)範圍 : 45-54 準突變型(PM)範圍 : 55-200 完全突變型(FM)範圍 : $> 200$
Anti HDV	Blood	Non-Reactive: $< 1.0$ index

BCR-ABL 定性檢測	Blood	Not Detected
BCR-ABL p210 定量 檢測	Blood	N/A
BCR-ABL p190 定量 檢測	Blood	N/A
AQP4	Blood	Negative
HBcrAg	Blood	<1.0 kU/mL Negative
HPV Other High Risk HPV	子宮頸細胞	Negative
HPV Type 16	子宮頸細胞	Negative
HPV Type 18	子宮頸細胞	Negative
CDT	Blood	<1.3%
Osteocalcin	Blood	男性:18- <30 歲: 24-70ng/mL 男性:30-50 歲: 14-42 ng/mL 男性:>50-70 歲: 14-46 ng/mL 女性:停經前,>20 歲:11-43 ng/mL 女性:停經後(沒有 HRT) :15-46 ng/mL 女性:骨質疏鬆病患: 13-48 ng/mL
唐氏症 NGS 篩檢	Blood	如報告說明所示
非侵入性胎兒染色體 檢測七合一	Blood	如報告說明所示
<委外>NIPT-十四合 一	Blood	如報告說明所示
NIPT 三十八合一_訊 聯	Blood	如報告說明所示
聽損基因檢測	Blood	Undetectable
循環性腫瘤細胞計數 檢測	Blood	如報告說明所示
脊髓性肌肉萎縮症篩 檢	Blood	如報告說明所示
阿茲海默症血液檢測	Blood	如報告說明所示
脂蛋白酶元E基因分 型檢測	Blood	如報告說明所示
子宮頸癌甲基化基因 檢測	子宮頸細胞	如報告說明所示
酒精代謝基因檢測	Blood	如報告說明所示
UGT1A1 基因檢測	Blood	如報告說明所示
JAK2 V617F 骨髓增 生性疾病基因突變檢 測	Blood	如報告說明所示
Centogene 遺傳性代 謝疾病基因及生化檢 測- NGS & Mass	Blood	如報告說明所示
MSI 微衛星不穩定	Blood	如報告說明所示

性檢測		
MPL 基因突變檢測	Blood	如報告說明所示
CALR 基因突變檢測	Blood	如報告說明所示
FILCDx 全方位癌症基因血液檢測(固態腫瘤液態切片)	Blood	如報告說明所示
Guardant360 癌症基因液態切片檢測 Guardant 360	Blood	如報告說明所示
內生性連續性複製 FLT3 基因檢測 (FLT3-ITD 突變分析)	Blood	如報告說明所示
內生性連續性複製 FLT3 基因檢測 (FLT3-TKD 突變分析)	Blood	如報告說明所示
急性骨髓性白血病之 NPM1 突變篩檢	Blood	如報告說明所示
CEBPA- TAD(N) 突變分析	Blood	如報告說明所示
CEBPA- bZIP(C) 突變分析	Blood	如報告說明所示
胃腸道健康菌叢分析	Stool	如報告說明所示
非侵入性胎兒染色體檢測	Blood	如報告說明所示
TSO500 微量腫瘤基因檢測	Blood	如報告說明所示
<委外>乙醯膽鹼抗體 Acetylcholine receptor antibody	Blood	<0.5 nmol/L
<委外>Growth Hormone(生長激素)	Blood	<5.0 ng/mL
<委外> E3 (Estrinol) 春情素醇	Blood	Non-pregnant 0.017~0.066 ng/mL
<委外> Insulin Ab(胰島素抗體)	Blood	<5.5 %
<委外>Gastrin (胃泌激素)	Blood	13~115 pg/mL
<委外>PAP(攝護腺酸性磷酸酶)	Blood	<3.5 ng/mL
<委外> Aldosterone (醛類脂醇)	Blood	立姿: 4.83~27.00 ng/dL 臥姿: 6.80~17.30 ng/dL
<委外>Plasma Renin Activity(血將腎活素活性)	Blood	立姿:0.60~4.18 ng/mL/hr 臥姿:0.32~1.84 ng/mL/hr
<委外>Plasma Renin Concentration (血漿腎素)	Blood	Upright: 20-40 歲 5.1-38.7 pg/mL 40-60 歲:1.8-59.4 pg/mL

		Supine: 20-40 歲 3.6-20.1 pg/mL 40-60 歲:1.1-20.2 pg/mL
<委外>17 $\alpha$ -OH progesterone	Blood	濾泡期:0.21-1.45 黃體:0.61-2.88 男:0.55-1.99 ng/mL
<委外> Thyroglobulin (甲狀腺球蛋白)	Blood	<50 紅頭管 ng/mL
<委外> Calcitonin (降血鈣素)	Blood	男 N.D.~18.2 pg/mL 女 N.D.~11.5 pg/mL
<委外> Erythropoietin 紅血球生成因子	Blood	4.3~29.0 mIU/mL
<委外>游離型人類絨毛膜刺激素	Blood	<0.16ng/mL
<委外>DHEA-S 硫酸-脫氫表雄甾酮	Blood	男:3.7~400.7 ug/dL 女:4.6~285 ug/dL
<委外>GAD Ab (穀醯酸脫竣酶自體抗體)	Blood	<10 IU/mL,Negative
<委外> IA2-Ab (酪氨酸磷酸酶抗體)	Blood	<7.5 U/mL
<委外> urine Aldosterone (醛類脂醇)	Urine	2.84~33.99 ug/day
Calprotectin	Stool	<50 mg/kg
Anti-PLA2R	Blood	Negative : <14 RU/ml Equivocal : $\geq 14$ to < 20 RU/ml Positive : $\geq 20$ RU/ml
Lp(a)	Blood	<30.0 mg/dL
HBcr Ag	Blood	<3.0 Log U/mL
QHBSAg	Blood	<0.005 IU/mL
Kappa light chain	urine	0.012-32.71 mg/L
Lamda light chain	urine	0.45-4.99 mg/L

門檢(血液)組 (異動時發布最新公告)

檢驗項目	檢體種類	生物參考區間
WBC	Blood	Adult : 4.18~9.38 x10 <sup>3</sup> /ul 0 ~ 14days: 4.94~27.48 x10 <sup>3</sup> /ul 15 ~ 30 days: 7.8~15.91 x10 <sup>3</sup> /ul 31days ~ <0.5years: 6.0~14.99 x10 <sup>3</sup> /ul 0.5 ~ <6 years:4.86~13.51 x10 <sup>3</sup> /ul 6 ~ <18 years:3.84~11.4 x10 <sup>3</sup> /ul
RBC	Blood	Male:4.21~5.9 x10 <sup>6</sup> /ul; Female:3.78~5.25 x10 <sup>6</sup> /ul; 0 ~ 14days: 4.1~5.74 x10 <sup>6</sup> /ul 15 ~ 30 days: 3.16~4.8 x10 <sup>6</sup> /ul 31days ~ <0.5years: 2.93~4.8 x10 <sup>6</sup> /ul 0.5 ~ <6 years:3.84~5.07 x10 <sup>6</sup> /ul 6 ~ <18 years:3.9~5.29 x10 <sup>6</sup> /ul
HGB	Blood	Male:13.1~17.2 g/dl; Female:11.0~15.2g/dl; 0 ~ 14days:12.0~20.0 g/dl 15 ~ 30 days: 10.0~15.3 g/dl 31days ~ <0.5years: 8.9~12.7 g/dl 0.5 ~ <6 years:10.1~12.7 g/dl 6 ~ <18 years:10.6~14.5 g/dl
HCT	Blood	Male:39.6~51.5 %; Female:34.8~46.3 %; 0 ~ 14days:36.0~60.0 % 15 ~ 30 days: 30.5~45.0 % 31days ~ <0.5years: 26.8~37.5% 0.5 ~ <6 years:30.8~37.9% 6 ~ <18 years:32.2~43.5%
MCV	Blood	Adult : 80.9~99.3 fl 0 ~ 14days:91.3~120.0 fl 15 ~ 30 days:89.4~103 fl 31days ~ <0.5years:74.1~96.4 fl 0.5 ~ <6 years:69.5~85.0 fl 6 ~ <18 years:74.4~90.6 fl
MCH	Blood	Adult : 25.5~33.2 pg 0 ~ 14days:31.1~35.9 pg 15 ~ 30 days:29.9~35.3 pg 31days ~ <0.5years:24.4~32.5 pg 0.5 ~ <6 years:22.7~28.6 pg

檢驗項目	檢體種類	生物參考區間
		6 ~ <18 years:24.8~30.2 pg
MCHC	Blood	Adult : 31.0~34.9 g/dl 0 ~ <18 years:31.0~37.0 g/dl
PLT	Blood	Adult : 150~378 x10 <sup>3</sup> /ul 0 ~ 14days: 144~450 x10 <sup>3</sup> /ul 15 ~ 30 days: 248~586 x10 <sup>3</sup> /ul 31days ~ <0.5years:229~597 x10 <sup>3</sup> /ul 0.5 ~ <6 years:189~459 x10 <sup>3</sup> /ul 6 ~ <18 years:175~369 x10 <sup>3</sup> /ul
RDW-CV	Blood	Adult :11.6~15.0 % 0 ~ 14days:14.6~17.3 % 15 ~ 30 days: 14.3~16.8 % 31days ~ <0.5years: 12.2~16.1 % 0.5 ~ <6 years:12.4~15.6 % 6 ~ <18 years:12.2~14.6 %
NEUT% (band form)	Blood	Adult :0~5 %
NEUT% (seg form)	Blood	Adult :41.6~74.4 % 0 ~ 14days:15.2~66.1 % 15 ~ 30 days: 10.6~57.3 % 31days ~ <0.5years: 8.9~76.0 % 0.5 ~ <6 years:16.9~74 % 6 ~ <18 years:28.6~74.7 %
LYMP%	Blood	Adult :18.0~48.8 % 0 ~ 14days:24.9~68.5 % 15 ~ 30 days: 31.9~82.7 % 31days ~ <0.5years: 30.4~86.7 % 0.5 ~ <6 years:18.1~79.9 % 6 ~ <18 years:15.5~57.8 %
MONO%	Blood	Adult :3.3~8.9 % 0 ~ 14days:5.2~20.6 % 15 ~ 30 days: 4.3~18.3 % 31days ~ <0.5years: 3.8~15.5 % 0.5 ~ <6 years3.8~13.4 % 6 ~ <18 years:4.1~12.3 %
EOSIN%	Blood	Adult :0.3~7.9 % 0 ~ 14days:0.3~5.2 %

檢驗項目	檢體種類	生物參考區間
		15 ~ 30 days: 0~5.4 % 31days ~ <0.5years:0~4.5 % 0.5 ~ <6 years:0~4.1 % 6 ~ <18 years:0~4.7%
BASO%	Blood	Adult :0.2~1.6% 0 ~ 14days:0.1~0.8 % 15 ~ 30 days: 0~0.6 % 31days ~ <0.5years:0~0.6 % 0.5 ~ <6 years:0~0.6 % 6 ~ <18 years:0~0.7%
Eosinophil count	Blood	0 ~ 700 / $\mu$ l
PT	Blood	11.7~15.3 sec.
APTT	Blood	29.6~46.2 sec.
Fibrinogen	Blood	200~400 mg/dl
D-Dimer	Blood	<0.5 mg/L FEU
FDP	Blood	< 5 $\mu$ g/mL
Reticulocyte	Blood	Adult :0.5~2% 0 ~ 14days:2.0~5.4 % 15 ~ 30 days:1.06~2.37 % 31days ~ <0.5years:1.55~3.47 % 0.5 ~ <6 years:0.82~1.82 % 6 ~ <18 years:0.9~1.94%
ESR	Blood	<0~20 mm/1 hr
Bleeding Time		1~5 min
Clotting Time		8~10 min
Factor V	Blood	70~152%
Factor VII	Blood	69~160 %
Factor VIII	Blood	50~150 %
Factor IX	Blood	65~150 %
Factor X	Blood	74~148 %
Factor XI	Blood	71~134%
Anti-thrombin III	Blood	80~120%
Thrombin time	Blood	10.3~16.6 sec.
Protein C	Blood	70~130 %
Protein S	Blood	Male:77~143% ; Female: 55~123%
Lupus Anti-coagulant	Blood	LA1/LA2 ratio:<1.2

檢驗項目	檢體種類	生物參考區間
G6PD	Blood	6.4~12.9 U/gHb <=7 天:12.5~21.6 U/gHb 3 個月~12 歲:8.8~18.4 U/gHb
Von Willebrand Factor(vWF:Ag)	Blood	O 型:48~140.8% 非 O 型 66.1~176.3%
vWF Activity (vWF:RCo)	Blood	O 型:48.2~201.9% 非 O 型 60.8~239.8%
NRBC	Blood	<1.0/100 WBC
COL/ADP	Blood	61~109 sec
COL/EPI	Blood	91~175 sec
Factor VIII inhibitor	Blood	<0.6 B.U
Factor IX inhibitor	Blood	<0.6 B.U
PNH	Blood	Granulocyte PNH Clone : <0.1% Monocyte PNH Clone : <0.1% Type 2 RBC PNH Clone : <1% Type 3 RBC PNH Clone : <1% Total RBC PNH Clone : <1%
CD3	Blood	50.0~84.0 %
CD4	Blood	27.0~51.0 %
CD8	Blood	15.0~44.0 %
CD4/CD8	Blood	Ratio : 0.7~2.7
CD19	Blood	5.0~22.0 %
CD16/56	Blood	7.0~40.0 %
Lym.Count	Blood	660~4800 / $\mu$ l