

醫學檢驗部公告(2019年11月)

Renew

因更換儀器變更生化及免疫項目生物參考區間如下

生化項目:

項目名稱	舊參考值	新參考值	單位
ACR	<30	<30	mg/g
ADA (Serum)	10~23	≤20	U/L
ADA(Ascites)	4~25	<35	U/L
ADA(CSF)	1~10	<10	U/L
ADA(Pleural)	6~33	<30	U/L
Albumin	3.5~5.0	3.8~5.3	g/dL
Alcohol	<30	<30	mg/dL
ALP	104~338	104~338	U/L
ALT (GPT)	0~40	4~44	U/L
Ammonia	28~70	12~66	ug/dL
Amphetamine	Neg (<500)	Neg (<500)	ng/mL
AMY	<220	41~112	U/L
AST (GOT)	0~38	8~38	U/L
Bilirubin Direct	<0.4	<0.4	mg/dL
Bilirubin Total	<1.3	0.2~1.2	mg/dL
Benzodiazepine	<200	<200	ng/mL
BUN	6~21	6~20	mg/dL
Urine BUN (24hr Urine)	12000~20000	12000~20000	mg/day
C3	86~160	90~180	mg/dL
C4	17~45	10~40	mg/dL
Ca	8.8~10.3	8.8~10.2	mg/dL
CHE	男性：2540~5110 女性：2440~4580	168~470	U/L
Cl	98~108	98~107	mEq/L
Urine Cl (24hr Urine)	110~250	110~250	mEq/day
CPK	38~160	男生： 62~287 女生： 45~163	U/L
Creatinine	男生：1.1~1.5 女生：0.8~1.3	男生： 0.72~1.18 女生： 0.55~1.02	mg/dL

項目名稱	舊參考值	新參考值	單位
Urine Creatinine (24hr Urine)	800~1800	男生: 1000~2000 女生: 800~1800	mg/day
CRP	<5	<5	mg/L
Fe	男性: 65~175 女性: 50~170	男性: 65~175 女性: 50~170	ug/dL
Ferrin	男性: 20~290 女性: 4.5~170	男性: 20~250 女性: 10~120	ng/mL
Glycated albumin	11~16	10.8~17.1	%
GGT	0~73	<73	U/L
Glucose	70~140	70~140	mg/dL
HDL	男性: >40 女性: >50	>40	mg/dL
hsCRP	<3	<3	mg/L
IgA	84~438	70~400	mg/dL
IgG	680~1620	700~1600	mg/dL
IgM	57~288	40~230	mg/dL
K	3.5~5.3	3.5~5.1	mEq/L
Urine K (24hr Urine)	25~125	25~125	mEq/day
Lactate	4.5~20.0	4.5~19.8	mg/dL
CSF Lactate	10~22	10~22	mg/dL
LDH	125~220	119~229	U/L
LDH (CSF)	<40	<40	U/L
LDL	<150	<140	mg/dL
Lithium	0.6~1.2	0.6~1.2	mmol/L
Lipase	<190	13~60	U/L
Mg	1.6~2.6	1.7~2.6	mg/dL
Urine Mg (24hr Urine)	72~120	12.2~292	mg/day
Microalbumin	<2.5	<2.5	mg/dL
Na	135~148	136~145	mEq/L
Urine Na (24hr Urine)	40~220	40~220	mEq/day
Opiates	Neg (<300)	Neg (<300)	ng/mL
Phosphate	2.7~4.5	2.7~4.5	mg/dL
Urine P (24hr Urine)	400~1300	400~1300	mg/day
PreAlb	16~40	18~45	mg/dL
RF	<18	≤15	IU/mL

項目名稱	舊參考值	新參考值	單位
TCHO	<200	≤200	mg/dL
TG	40~150	<150	mg/dL
TIBC	250~425	250~425	ug/dL
Total Protein	6.3~8.0	6.7~8.3	g/dL
CSF Total Protein	15~45	15~45	mg/dL
Urine Total Protein	<20	<14	mg/dL
Urine Total Protein (24hr Urine)	40~150	≤150	mg/day
UPCR	<150	<150	mg/g
Uric Acid	男性：4.0~8.5 女性：2.7~7.3	<7	mg/dL
Uric Acid (24hr Urine)	250~750	250~750	mg/day

免疫項目：

項目名稱	舊參考值	新參考值	單位
25-OH Vitamin D	Deficiency < 20 ng/mL Insufficiency 20~32 ng/mL Sufficiency 32~100 ng/mL Toxicity > 150 ng/mL	30~40	ng/mL
AFP	1.09~8.04	<8.78	ng/mL
AMIA (Anti-microsomal Ab)	<5.61	<5.61	IU/mL
Anti-HAV IgG	Negative (<1.0)	Negative (<1.0)	S/CO
Anti-HAV IgM	Negative (<0.8)	Negative (<0.8)	S/CO
Anti-HBc Ab	Negative (<1.0)	Negative (<1.0)	S/CO
Anti-HBc IgM	Negative (<1.0)	Negative (<1.0)	S/CO
Anti-HBe	Negative (>1.0)	Negative (>1.0)	S/CO
Anti-HBs	Negative (<10)	Negative (<10)	mIU/mL
Anti-HCV	Negative (<1.0)	Negative (<1.0)	S/CO
ATA(Anti-Thyroglobulin Ab)	<4.11	<4.11	IU/mL
BNP	<100	<100	pg/mL

項目名稱	舊參考值	新參考值	單位
β-hCG	non-pregnant : <5.0 Post Last Menstrual Period (LMP) : 01 - 10 weeks : 202-231000 11 - 15 weeks : 22536-234990 16 - 22 weeks : 8007-50064 23 - 40 weeks : 1600-49413	non-pregnant : <5.0 Post Last Menstrual Period (LMP) : 01 - 10 weeks : 202-231000 11 - 15 weeks : 22536-234990 16 - 22 weeks : 8007-50064 23 - 40 weeks : 1600-49413	mIU/mL
CA125	<35	≤35	U/mL
CA153	<31.3	≤31.3	U/mL
CA199	<37	≤37	U/mL
CEA	<5	≤5	ng/mL
CMV IgG	Negative (<6)	Negative (<6)	AU/mL
CMV IgM	Negative (<0.85)	Negative (<0.85)	S/CO
Cortisol (10am)	3.7~19.4	3.7~19.4	ug/dL
Cortisol (Urine)	4.3~176	4.3~176	ug/day
Cortisol (5pm)	2.7~17.3	2.9~17.3	ug/dL

項目名稱	舊參考值	新參考值	單位
Estradiol	男性:11 - 44 女性:Normal Menstruating Females:Follicular Phase : 21 - 251Mid-Cycle Phase: 38 - 649Luteal Phase : 21 - 312Postmenopausal Females not on HRT : <10 - 28Postmenopausal Females on HRT: <10 - 144	男性:11 - 44 女性:Normal Menstruating Females:Follicular Phase : 21 - 251Mid-Cycle Phase: 38 - 649Luteal Phase : 21 - 312Postmenopausal Females not on HRT : <10 - 28Postmenopausal Females on HRT: <10 - 144	pg/mL
Free T4	0.7~1.48	0.7~1.48	ng/dL
FSH	男性 : 0.95 - 11.95 女性: Normally Menstruating Females Follicular Phase : 3.03 - 8.08 Mid-Cycle Peak: 2.55 - 16.69 Luteal Phase :1.38 - 5.47 Post-Menopausal Females: 26.72 - 133.41	男性 : 0.95 - 11.95 女性: Normally Menstruating Females Follicular Phase : 3.03 - 8.08 Mid-Cycle Peak: 2.55 - 16.69 Luteal Phase :1.38 - 5.47 Post-Menopausal Females: 26.72 - 133.41	mIU/mL
HBeAg	Negative (<1.0)	Negative (<1.0)	S/CO
HBsAg	Negative (<1.0)	Negative (<1.0)	S/CO
HBsAg(定量)	Negative (<0.05)	Negative (<0.05)	IU/mL
HIV Ab 1+2 combo	Negative (<1.0)	Negative (<1.0)	S/CO
Homocysteine	男性:5.46~16.2 女性:5.46~13.56	男性:5.46~16.2 女性:4.44~13.56	umol/L
hs Troponin I	<0.026	<0.026	ng/mL

項目名稱	舊參考值	新參考值	單位
iPTH	15~68.3	15~68.3	pg/mL
LH	男性:0.57~12.07 女性: Normally Menstruating Females: Follicular Phase:1.80 ~11.78 Mid-Cycle Peak: 7.59~ 89.08 Luteal Phase :0.56~ 14.00 Postmenopausal Females :5.16~61.99	男性:0.57~12.07 女性: Normally Menstruating Females: Follicular Phase:1.80 ~11.78 Mid-Cycle Peak: 7.59~ 89.08 Luteal Phase :0.56~ 14.00 Postmenopausal Females :5.16~61.99	mIU/mL
Progesterone	男生:< 0.1 - 0.2 女 生:Normal Menstruating Females Follicular Phase:< 0.1 - 0.3 Luteal Phase:1.2 - 15.9 Postmenopausal Females:< 0.1 - 0.2 Pregnant Female : First Trimester:2.8 - 147.3 Second Trimester:22.5 - 95.3 Third Trimester:27.9 - 242.5	男生:< 0.1 - 0.2 女 生:Normal Menstruating Females Follicular Phase:< 0.1 - 0.3 Luteal Phase:1.2 - 15.9 Postmenopausal Females:< 0.1 - 0.2 Pregnant Female : First Trimester:2.8 - 147.3 Second Trimester:22.5 - 95.3 Third Trimester:27.9 - 242.5	ng/mL
Prolactin	男生:3.46~19.4 女生:5.18~26.53	男生:3.46~19.4 女生:5.18~26.53	ng/mL
PSA	<4	≤4	ng/mL
free PSA/ total PSA ratio	26	26	%
Rubella IgG	Negative (<5.0)	Negative (≤4.9)	IU/mL
Rubella IgM	Negative (<1.2)	Negative (<1.2)	Index
T3	58~159	64~152	ng/dL

項目名稱	舊參考值	新參考值	單位
T4	4.87~11.72	4.87~11.72	ug/dL
Testosterone	男性 (M) : 0-20 y/o : 0.02~9.02 21-49 y/o : 2.4~8.71 ≥ 50 y/o : 2.21~7.16 女性 (F) : 0-20 y/o : 0.01~0.98 21-49 y/o : 0.14~0.53 ≥ 50 y/o : 0.12~0.36	男性 (M) : 0-20 y/o : 0.02~9.02 21-49 y/o : 2.4~8.71 ≥ 50 y/o : 2.21~7.16 女性 (F) : 0-20 y/o : 0.01~0.98 21-49 y/o : 0.14~0.53 ≥ 50 y/o : 0.12~0.36	ng/mL
Toxoplasms IgG	Negative (<1.6)	Negative (<1.6)	IU/mL
TSH	0.35~4.94	0.35~4.94	uIU/mL