

大安聯合醫事檢驗所公告

公告編碼：463

日期：114年12月10日

公告事項： 1. 生化項目儀器設備升級

2. Total Anti-oxidative Capacity, TAC 總和抗氧化能力 停止服務

1. 本所為提升檢驗品質，更新升級實驗室設備，將於12月15日起完成測試上線，生化分析設備升級為SIEMENS Atellica CH，影響項目如下：

x: ADVIA Chemistry XPT / y: Atellica CH

升級設備名稱：SIEMENS Atellica CH			
檢驗項目	原參考區間	新參考區間	新舊相關係數
09001C Cholesterol	<200	<200 mg/dL	$y=1.010x+0.987$
09002C Urea Nitrogen	Serum 9.0-23.0 Urine 12.0-20.0	Serum 9.0-23.0 mg/dL Urine 12.0-20.0 g/day	$y=0.988x-0.251$
09004C Triglyceride	<150	<150 mg/dL	$y=1.002x-3.079$
09005C Glucose	Blood 70-99 Urine <0.5 CSF 40-70	Blood 70-99 mg/dL Urine <0.5 g/day CSF 40-70 mg/dL	$y=0.997x+0.573$
09011C Calcium	Blood 8.3-10.6 Urine 100-300	Blood 8.7-10.4 mg/dL Urine 100-300 mg/day Urine(random) M: 0.9-37.9 mg/dL F: 0.5-35.7mg/dL	$y=1.053x-0.305$
09012C Phosphorus	Blood 2.4-5.1 Urine 0.4-1.3	Blood 2.4-5.1 mg/dL Urine 0.4-1.3 g/day	$y=0.903x+0.621$
09013C Uric Acid	Blood M: 4.0-7.5 F: 3.0-6.6 Urine 250-750	Blood M: 3.7-9.2 mg/dL F: 3.1-7.8 mg/dL Urine 250-750 mg/day	$y=1.002x+0.032$
09015C Creatinine	Blood M: 0.70-1.30 F: 0.50-1.10 Urine M: 800-2000 F: 600-1800	Blood M: 0.70-1.30 mg/dL F: 0.55-1.02 mg/dL Urine M: 800-2000 mg/day F: 600-1800 mg/day	$y=1.003x-0.051$
09017C Amylase	Blood 30-118 Urine ≤ 650	Blood 30-118 U/L Urine ≤ 650 U/L	$y=1.029x+1.136$
09020C Iron	30-170	M 65-175 μ g/dL F 50-170 μ g/dL	$y=1.016x-0.439$
09021C Sodium	Blood 132-146 Urine 40-220	Blood 136-145 mEq/L Urine 40-220 mEq/day	$y=1.015x-2.327$
09022C Potassium	Blood 3.5-5.5 Urine 25-125	Serum 3.5-5.1 mEq/L Plasma 3.4-4.5 mEq/L Urine 25-125 mEq/day	$y=0.970x+0.031$
09023C Chloride	Blood 99-109 Urine 110-250	Blood 98-107 mEq/L Urine 110-250 mEq/day	$y=0.979x+1.762$
09024C Bicarbonate, CO2	20.0-31.0	20.0-31.0 mEq/L	$y=1.004x-0.221$
09025C Aspartate Aminotransferase	10-42	<34 U/L	$y=1.041x-2.017$
09026C Alanine Aminotransferase	10-40	10-49 U/L	$y=1.097x-2.026$

09027C Alkaline Phosphatase	34-120	46-116 U/L	$y=0.965x+0.016$
09029C Bilirubin Total	0.2-1.2	0.3-1.2 mg/dL	$y=1.029x+0.017$
09030C Bilirubin Direct	0.0-0.4	≤ 0.3 mg/dL	$y=0.972x-0.008$
09031C Gamma-Glutamyl Transpeptidase	M: <73 F: <38	M: <73 U/L F: <38 U/L	$y=1.095x+0.364$
09032C Creatine Kinase	M: 32-294 F: 33-211	M: 46-171 U/L F: 34-145 U/L	$y=0.998x+3.918$
09033C Lactate Dehydrogenase	120-246	120-246 U/L	$y=0.995x-1.410$
09035C Total Iron Binding Capacity	200-400	250-425 μ g/dL	$y=0.980x+0.124$
09038C Albumin	3.5-5.3	3.2-4.8 g/dL	$y=1.026x-0.066$
09040C Protein	6.0-8.3	5.7-8.2 g/dL	$y=1.092x-0.478$
09043C HDL Cholesterol	M: ≥ 40 F: ≥ 50	M: ≥ 40 mg/dL F: ≥ 50 mg/dL	$y=1.088x+1.519$
09044C LDL Cholesterol	<130	<130 mg/dL	$y=1.005x+3.035$
09040C Protein, Urine	Urine: ≤ 19 CSF: 15-45	Urine: 1-14 mg/dL CSF: 15-45 mg/dL	$y=1.005x+3.507$
12111C Microalbumin	<20	Random <20 mg/L 24Hrs <30 mg/day	$y=0.988x+0.074$
12025B Immunoglobulin G	650-1600	650-1600 mg/dL	$y=0.956x+15.490$
12027B Immunoglobulin A	40-350	40-350 mg/dL	$y=0.865x+8.828$
12029B Immunoglobulin M	50-300	50-300 mg/dL	$y=0.973x-3.375$
12034B Complement 3	80-170	80.0-170.0 mg/dL	$y=0.968x-15.847$
12038B Complement 4	13.0-44.0	12.0-36.0 mg/dL	$y=1.029x-0.805$
12048C Transferrin	200.0-340.0	M: 215.0-365.0 mg/dL F: 250.0-380.0 mg/dL	$y=0.990x+2.851$
12110B Prealbumin	18.0-40.0	10.0-40.0 mg/dL	$y=0.882x-2.070$
12011C Rheumatoid Factor	<17.0	<14.0 IU/mL	$y=1.005x-2.834$
12004C Antistreptolysin-O	≤ 200	≤ 194 IU/mL	$y=1.008x+2.723$
12015C High Sensitive C-Reactive Protein	<0.500	≤ 0.33 mg/dL	$y=0.923x+0.079$
12114B Apolipoprotein A-1	M: 104-202 F: 108-225	M: 79-169 mg/dL F: 76-214 mg/dL	$y=0.969x+3.309$
12113B Apolipoprotein B	M: 46-174 F: 46-142	M: 46-174 mg/dL F: 46-142 mg/dL	$y=1.017x+1.038$
12164B Lipoprotein a	<34.00	<30.00 mg/dL	$y=1.000x-1.589$
09137B Serum ketone body	0.03-0.30	0.03-0.30 mmol/L	
09139C Glycated Albumin	11.0-16.0%	11.0-16.0%	
Cotinine	< 0.5	< 0.5 μ g/dL	

2. 自12月15日起檢驗項目Total Anti-oxidative Capacity, TAC 總和抗氧化能力停止服務

謹此敬告週知修正



陳明輝

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