

COMPUTER DOWNTIME INTERIM REPORT

Patient Name:		IP/UCC: Hospital/ Location	n:
Date of Birth:		OP: Ordering Physician:	
Medical Record or Contact Serial #:		Date & Time of Report:	
			Corporate ID
Accession #:		Result(s) Called To:	1st Initial, Last Name & Title
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COAGULATION TESTS

Test	Result	Reference Range	Critical Value
PROTHROMBIN TIME		10.0-13.1 (>= 18Yr)	n/a (>= 18Yr)
(seconds)		8.8-12.5 (6 mos to < 18 yr) 8.8-14.7 (0-6 mos)	>17 (6 mos to < 18 yr) >19 (0-6 mos)
INR		Therapeutic: 2.0 – 3.0 conventional anticoagulation 2.5-3.5 intensive anticoagulation	>= 4.0 (>= 18Yr) > 4.0 (< 18 yr)
ACTIVATED PTT		26-38 (>= 18Yr)	>=90 (>= 18Yr)
(seconds)		25-39 (<18yr) Therapeutic: 53-87 seconds	>45 (6mo to < 18 yr) >49 (0-6 mos)
FIBRINOGEN		187-416 mg / dL (>= 18Yr)	z100
(mg/dl)		150-400 mg/dL (<18yr)	<100
		< 500 ng/mL FEU (>= 18Yr)	
		<= 570 ng/mL FEU (<18Yr)	
D-DIMER		Manufacturer studies indicate a D-Dimer value <500 ng/mL FEU has a high negative predictive value for DVT or PE in clinically low risk ambulatory patients. A value ≥500 ng/mL FEU warrants further studies to exclude DVT or PE.	
THROMBIN TIME (seconds)		10.3-16.6 seconds (all age ranges)	
Heparin Xa		0.0 IU/mL	
(IU/mL) Heparin Induced		Therapeutic: 0.30 -0.70	
Thrombocytopenia (HIT) Ab, Rapid test		Negative	Positive
Low molecular wt. heparin Xa level (IU/mL)		0.0 IU/mL Therapeutic: 0.50 -1.00	



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HEMATOLOGY/COAGULATION						
Test	Result	Reference Range	Test	Result	Reference Range	
FIBRIN SPLIT PRODUCTS		< 5 mcg / mL	ACT		89 - 169 seconds	
ASPIRIN ASSAY		>549 ARU: Platelet dysfunction consistent with aspirin has NOT been detected <550 ARU: Platelet dysfunction consistent with aspirin has been detected.	P2YPI (Platelet P2Y12 Receptor Inhibition)		180-376 PRU Range for normal patients who are not taking anti-P2Y12 medications. A PRU <180 is indicative of the presence of a P2Y12 drug inhibitor effect on platelet reactivity.	
PLATELET FUNCTION ASSAY		EPI: 73-190 seconds	ERYTHROCYTE SED RATE (ESR)		AGE MALE FEMALE <13 0-10 0-10 mm/hr 14-50 0-15 0-20 mm/hr >50Y 0-20 0-30 mm/hr	
		ADP: 65-118 seconds	BLOOD PARASITE SMEAR		NONE SEEN	
FERN TEST		Absent	STOOL WBC SMEAR (MICXS)		NONE SEEN	
SEMEN ANALYSIS Days of abstinence Volume Appearance Liquefaction 1 hr progressive motility % Motility Motile sperm/ejaculate		2 - 7 >1.4 ml 2 - 3 turbidity, no unusual color Liquefaction < 30 min > 31% Motility > 4.7 mil/mL > 7.1 million /ml	pH Viscosity Agglutination WHO Normal Morphology % Normal ABHEAD, SMNOTH, IMFORM Germ Cells Leukocytes Post Vasectomy? Y / N Sperm Count		pH: 7.2-8.0 Pours drop by drop NONE 3.9 % No reference range established < 4.00 million / mL 0 - 5 / HPF	



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1116	laborator	y compan			15 manua	illy prou	
	ı	1	CEREBROSPII	NAL FLUID (CSF)	1		1
Specimen Type:	Result	Tube #	Reference Range		Result	Tube #	Reference Range
COLOR			Colorless	SEGMENTED CELLS (% neuts)			Adults 0-6 %
APPEARANCE			Clear	LYMPHOCYTES %			Newborn 0-8 % Adults 40-80 %
AFFEARANCE			Clear	LIMPHOCITES //			Newborn 5-35 %
VOLUME			mLs	MONONUCLEAR			Adults 15-45 %
Xanthochromia			Negative	CELLS %			Newborn 50-90 %
Xantilocillomia			,				
Nucleated Cell			Adult 0-5/mcl				
Count			Neonates 0-28 days	i			
RBC Count			Adult 0-10/mcl				
nes sound			Neonates 0-28 days	; 			
GLUCOSE			40-70 mg/dL				
PROTEIN			12-60 mg /dL				
			BODY FLUIDS	3: Write Source:			
Specimen Type:			Reference Range				Reference Range
			Synovial Fluids		Res	ult	Synovial Fluids
	Result	Tube #	No established				No established
			reference ranges fo	r 📗			reference ranges
			other body fluids				for other body
COLOR			Yellow, It yellow, straw, colorless	SEGMENTED CELLS (%neuts)			0-25 %
APPEARANCE			Clear	LYMPHOCYTES %			None established
VOLUME			mLs	MONONUCLEAR			None established
				CELLS %			THORIC COLUMNISTICA
Nucleated Cell Count			0-200/mcl				
RBC Count			<15000/mcl	CRYSTALS			No crystals
GLUCOSE			None established	LD (IU / mL)			None established
PROTEIN			None established	рН			None established



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Smear Review	Pathologist Interpretation	n	



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Test	Result	Reference	Test	Result	Reference
		Range			Range
URINALYSIS	URS / URM / URC	/ URMC/ URDIP	PREGNANCY		Negative
			SCREEN. Urine		50 4400 m O m // m
		Color: Yellow	OSMOLALITY, Urine		50-1400 mOsm/kg
AFFIX CLINITEK TA HERE	PE PRINTOUT	Glucose: Negative (mg/dL)	SODIUM, Urine		40-220 mmol / 24hr
FOR CORE LAB RE		Ketones: Negative (mg/dL)	POTASSIUM, Urine		25-125 mmol / 24hr
ATTACHED INSTRU	DIVIENT PRINTOUT	Blood: Negative	UREA NITROGEN,		No established reference
			Urine		range
		Protein: Negative	CREATININE, Urine		0.6-2.5g/24 hr male 0.6- 1.8 g /24hr female
		Nitrite: Negative	CREATININE		Male: 97-137 mL/min
			CLEARANCE		Female: 88-128 ml /min
		Clarity: Clear	TOTAL VOLUME		mls
		Bilirubin: Negative	TIME		Hours
		Specific Gravity:	DRUGS OF ABUSE SCREEN - URINE		
		1 005 - 1 030	211000 01 711		
		pH: 5.0 – 8.5	THC		Negative
		Urobilinogen:	PCP		Negativo
		<2.0 mg/dL	FOP		Negative
		Leukocyte Esterase: Negative	COCAINE		Negative
MICROSCOPIC UR	INALYSIS:		METHAMPHETAMINE		Negative
WBC		0 – 2 / HPF	OPIATE		Negative
RBC		0 – 2 / HPF	AMPHETAMINE		Negative
EPITHELIAL CELLS	;	none/LPF	BENZODIAZEPINE		Negative
CASTS		none/LPF	TCA		Negative
MUCUS		none/LPF	METHADONE		Negative
BACTERIA		None/HPF	BARBITURATE		Negative
CRYSTALS		None/LPF	OXYCODONE		Negative
If culture is indicate	ed, write corporate II	here if MICRO	OCCULT BLOOD,		
DEPT was informed:		Fecal		Negative	
URINC	Accn #:	Circle urine source	OCCULT BLOOD / pH		
		CATH CCMS	•		Negative
		SPA OTHER	Gastric		



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	CHEMISTRY/IMMUNOLOGY/MICROBIOLOGY					
Test Result		Reference Range Test		Result	Reference Range	
ACETONE, SERUM		Negative	INFLUENZA A PCR (LIAT)		Not Detected	
COVID19, Rapid Test						
Check rapid method used:		Not Detected	INFLUENZA B PCR		Not Detected	
Abbott ID Now			(LIAT)			
Cobas Liat						
FETAL		No. of Co.	DOV DOD (LIAT)		Not Detected	
FIBRONECTIN		Negative	RSV PCR (LIAT)		Not Detected	
IONIZED CALCIUM, CITRATED (CICA)		mmol/L / Reference Interval has not been established for this sample type.	STREP A Ag SCREEN		Negative	
MONO SCREEN		Negative	STREP A PCR (LIAT)		Not Detected	
OSMOLALITY, Serum		275-295	VAGINAL WET		Negative	
		mOsm / kg H ₂ 0	MOUNT		Negative	
PREGNANCY SCREEN, Serum		Negative	BLOOD CULTURE Bottle Type: Set(s) positive Organism(s):		1	
Other test (specify)			GRAM STAIN: Source: Organism(s):			



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Reference Range Chart Scripps Hospital Laboratories

Test	Result	Reference	Critical Value
		Range	
Amikacin, Trough		5.0 -10.0 mcg/mL	>10 ug/mL
Amikacin, Peak		20 - 25 mcg/mL	>35 ug/mL
Gentamicin, Trough		0.0 – 1.9 mcg/mL	>3.0 mcg/mL (≤ 28 days: >2.5 mcg/mL)
Gentamicin, Peak		4.0 – 10.0 mcg/mL	>12.0 mcg/mL (≤ 28 days: >15.0 mcg/mL)
Methotrexate		Low dose: 0.51-1.00 umol/L High dose: 24 hrs.: ≤5.00 umol / L 48 hrs.: ≤0.50 umol / L 72 hrs.: ≤0.20 umol / L	
Tobramycin Trough		0.0 – 1.9 mcg/mL	>3.0 mcg/mL (≤ 28 days: >2.5 mcg/mL)
Tobramycin Peak		4.0 – 10.0 mcg/mL	>12.0 mcg/mL (≤ 28 days: >15.0 mcg/mL)
Vancomycin, Trough		5 – 20 mcg/mL	>25 mcg/mL (≤ 28 days: >15 mcg/mL
Vancomycin Peak		25 – 40 mcg/mL	>50 mcg/mL (≤ 28 days: >45 mcg/mL)
HCG		≤5 mIU/mI: (Negative)	No critical value Gestational Age: Level: (mIU/mL) 1-10 wks 45 - 256,740 11-15 wks 11,556 - 265,380 16-22 wks 7,480 - 111,954 23-40 wks 1,531 - 101,566
LACTIC ACID, ARTERIAL		0.5 – 0.8 mmol/L	≥ 4.0 mmol/L
LACTIC ACID, VENOUS		0.7 – 2.1 mmol/L	≥ 4.0 mmol/L
Other tests (Specify)			



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Test	Result	Reference Range	Critical Value
Test	Result	O.03-0.08 ng/mL The appended comment is attached to each result: "Procalcitonin (PCT) is a dynamic biomarker with value in guiding antibiotic management in select clinical settings. PCT values are most useful when trends are analyzed. Decisions on antibiotic use should not be based solely on PCT level. Consider repeating PCT no more than daily in ICU/sepsis patients, and every 2 days for LRTI in order to continue antibiotics. Suspected Lower Respiratory Tract Infection (LRTI):	> 2.0 ng/mL
		§ 0.1-0.25 ng/mL-low likelihood for bacterial infection, antibiotics discouraged § >0.25 ng/mL-increased likelihood for bacterial infection • Suspected Sepsis: § 0.1-0.5 ng/mLlow likelihood for bacterial infection, antibiotics discouraged § >0.5 ng/mL- increased likelihood for bacterial infection § >2.0 ng/mL-high risk of sepsis/septic shock • Continue discontinuation of antibiotics when PCT <0.25 (LRTI) or <0.5 (sepsis), or 80% reduction from baseline.	
NT-proBNP		<75 years old: ≤125 pg/mL ≥75 years old: ≤450 pg/mL (attach to inpatient results only): Optimal Cut-Points (pg/mL) <50 years old: ≤450 50-75 years old: ≤900 > 75 years old: ≤1800 Reference: Junuzzi JL et. al. European Heart Journal. 2006, 27:330-337	
Troponin 1 ES		<0.035 ng/mL (Upper Reference Limit)	≥0.120 ng/mL



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Reference Range Chart Scripps Outpatient Laboratories

Test	Result	Reference Range	Critical Value
CORE LAB SORRENTO MESA			
NT-proBNP		<75 years old: <125 pg/mL >75 years old: >450 pg/mL	
Troponin, Vista at SM		<0.046 ng/ml	>0.100ng/mL
COVID 19, Routine (Molecular Testing)			
Method/Platform:		Not Detected	
SARS-CoV-2 IgG Serum (Chemistry test)		Negative	
Abbott IgG			
Other tests (Specify)			



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SORRENTO MESA CORE LAB CHEMISTRY TESTS

Test	Result	Reference Range	Critical Value
Sodium		136 – 146 mmol/L	Adults <120 or > 160 mmol/L Newborn (< = 28 days) 150 mmol/L
Potassium		3.5 – 5.1 mmol/L	< =2.7 mmol/L > = 6.0 mmol/L 8-28 days: 6.0 mmol/L 0 – 7 days: < 2.8 mmol/L > 7.0 mmol/L
Chloride		98 -107 mmol/L	
Calcium		8.4 - 10.3 mg/dl	< 7.0 > 12.0 mg/dl
BUN		7 – 21 mg/dl	
Glucose		ADA decision limits for fasting glucose: 70-99 mg/dL: Normal 100-125 mg/dL: Impaired >125 mg/dL: Diabetes*	< 50 mg/dl > 500 mg/dl Newborn < 28 days < 40 mg/dl > 250 mg/dl
CO2		22 – 32 mmol/L	< 10 mmol/L > 40 mmol/L
Albumin		3.3 - 5.0 g/dl	
ALT		F: 13-59 U/L M: 16-63 U/L Ages F M 0- <1 yr 13-41 16-41 1- <13 yrs 13-32 16-32 13- <19 yrs 13-29 16-31	
Creatinine		F: 0.5 – 1.0 mg/dl M: 0.7 - 1.3 mg/dl	
AST		Adults > 19 years 15 – 37 U/L F M 0- 14 days 15-185 15-185 15 days - < 1yr 15-73 15-73 1- <7 yrs 15-46 15-46 7- <12 yrs 15-37 15-37 12- <19 yrs 15-25 15-36	
Total Protein		6.3 – 8.2 g/dL	



Test	Result	Reference Range	Critical Value
Total Bilirubin		0.1 – 1.2 mg/dL	Newborn < 28 days old >15 mg/dL
Alkaline Phosphatase		Over 19 years 38-126 U/L Ages F M 0-14days 82-249 82-249 15 days - <1 yr 122-473 122-473 1- <10yrs 142-336 142-336 10 - <13 yrs 128-420 128-420 13- <15 yrs 55-225 115-471 15- <17 yrs 49-166 81-333 17- <19 yrs 43-86 53-149	
Anion Gap, calculated		6-14 mmol/L	
Osmolality, calculated		280 – 305 mOs/Kg H2O	
GFR Non-African		>60 mL/min/1.73m2 MDRD calculation	
GFR African		>60 mL/min/1.73m2 MDRD calculation	
Cholesterol		Risk Factor Guidelines: Desirable < 200 mg/dL Borderline High 200-239 mg/dL mg/dL High >239 mg/dL	
Triglyceride		Normal < 150 mg/dL Borderline high 150-199 mg/dL High 200-499 mg/dL Very high >499 mg/dL	
HDL		Male 30-70 mg/dl Female 30-85 mg/dL Low risk <40mg/dL High risk >59 mg/dL	
LDL Calculated		<130 mg/dL Optimal Above optimal 100-129 mg/dL Borderline high 130-159 mg/dL High 160-189 mg/dL Very high >189 mg/dL	
LDL, Direct		<130 mg/dL Optimal Above optimal 100-129 mg/dL Borderline high 130-159 mg/dL High 160-189 mg/dL Very high >189 mg/dL	
TSH		0.358 – 3.800 uIU/mL	Newborn < 28 days < 0.1 uIU/mL > 10.0 uIU/mL
Free T4		0.76 – 1.46 ng/mL	



Test	Result	Reference Range	Critical Value
Free T3		2.18 – 3.98 pg/mL	
		4.7 – 13.3 mcg/dl	
Total T4		Newborn patients < 28 days old have ETC code T4PED Auto appended: NOTE: Reference range not established for patients less than 29 days old. However, total T4 values in newborns can be significantly higher than the adult range of 4.7-13.3 mcg/dL.	Newborn < 28 days < 5.0 mcg/dl >20.0 mcg/dl
Ferritin		Males 26.0 – 388.0 ng/mL Females 8.0 – 252.0 ng/mL	
Folate		3.1-17.5 ng/mL	
Iron		Males: 65 - 175 mcg/dL Females: 50 - 170 mcg/dL	
Iron Binding Capacity Calc		250-450 mcg/dL	
Iron Saturation Calc		20-50 %	
Transferrin		200 - 360 mg/dL	
Amylase		30 – 110 U/L	
Direct Bilirubin		0.0-0.30 mg/dl	
CK Total		F: 26-192 U/L M: 39-308 U/L	
Digoxin		< 1.0 ng/mL (therapeutic range)	>2.5 ng/mL
GGT		F:5-55 U/L M:15-85 U/L	
Lactic Acid		0.4 – 2.0 mmol/L	> = 4.0 mmol/L
LDH		M: 87-241 U/L F: 84 -246 U/L	
Lithium		0.6 – 1.2 mmol/L	> 1.4 mmol/L
Lipase		73 – 393 U/L	
Magnesium		1.6 – 2.6 mg/dL	< 1.0 mg/dl > 4. 0 mg/dL Newborn < 28 days < 1.0 mg/dl > 3.0 mg/dL
Phosphorus		2.5 – 4.8 mg/dL	< 1.1 mg/dL
		Male 3.5 – 7.2 mg/dL Female 2.6 – 6.0 mg/dl	
Uric Acid			
Uric Acid Rasburicase study		Male 3.5 – 7.2 mg/dL Female 2.6 – 6.0 mg/dl	



Test	Result	Reference Range	Critical Value
Alpha 1 antitrypsin		90 – 200 mg/dL	
CRP		<10mg/L	
APOB		M: 55-140 mg/dL F: 55 - 125 mg/dL	
ASO		0 - 408 IU/mL	
C3		90 - 180 mg/dL	
C4		10 - 40 mg/dL	
Ceruloplasmin		15 - 41 mg/dl	
hsCRP		<3.0 mg/L CRP-hs results may be used to assign risk as follows: 3.0 mg/L highest tertile, highest risk.	
Haptoglobin		30 – 200 mg/dL	
IGA		70 – 400 mg/dL	
IGG		700 – 1600 mg/dL	
IGM		40 – 230 mg/dL	
Prealbumin		20.0 – 40.0 mg/dl	
Rheumatoid Factor		< 15 IU/mL	
Carbamazepine		4.0 - 12.0 mcg/mL	>12.0 mcg/mL
CKMB		0.5 – 3.6 ng/mL	
HCG		Normal (non-pregnant) 0-5 mIU/mI Gestational Age hCG mIU/mL 0.2-1 week 5-50 1-2 weeks 50-500 2-3 weeks 100-5000 3-4 weeks 500-10000 4-5 weeks 1000- 50000 5-6 weeks 10000- 100,000 6-8 weeks 15000- 200,000 2-3 months 10000- 100,000 This Quantitative hCG assay is not FDA approved for use as a tumor marker	
Phenytoin		10 -20 mcg/mL	> 30 mcg/mL *Newborn > 25 mcg/mL
Theophylline		10-20 mcg/mL	> 25 mcg/mL
Valproic Acid		50-100 mcg/mL	> 150 mcg/mL
Gentamicin, Random		No Reference Range	
Gentamicin, Trough		0.0-1.9 mcg/mL	> 3 mcg/mL Newborn > 2.5 mcg/mL



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Gentamicin, Peak		4.0-10.0 mcg/mL	> 12 mcg/mL Newborn > 15 mcg/mL
Tobramycin, Random		No Reference Range	
Tobramycin, Trough		0.0-1.9 mg/mL	> 3 mg/mL Newborn > 2.5 mg/mL
Tobramycin, Peak		4.0-10.0 mg/mL	> 12 mg/mL Newborn > 15 mg/mL
Valproic Acid		50-100 mcg/mL	> 150 mcg/mL
Vancomycin, Random		No Reference Range	
Vancomycin, Trough		29D & up 5.0 – 20.0 mcg/mL 0 to ≤ 28days 5.0 – 10.0 mcg/ml	Adults >25 mcg/mL Newborn > 15 mcg/mL
Vancomycin, Peak		25.0-40.0 mcg/mL	Adults > 50 mcg/mL Newborn > 45 mcg/mL
Urine Amylase		Random: No established range 24 hour: No established range	
Urine Calcium		Random: No established range 24 hour: 0-300 mg/24hr	
Urine Creatinine		Random: Male: 40.0 -278.0 mg/dl Female: 29.0 -226.0 mg/dl 24-hour urine: Male: 0.9 - 2.4 g/24 hr Female: 0.7 - 1.6 g/24 hr	
Creatinine Clearance 24hrs		Male: 97 -137 mL/min Female: 88- 128 mL/min	
Urine Chloride		Random: No established range 24 hour: 110-250 mmol/L/24hr	
Urine Creatinine		Random: Male: 40.0 -278.0 mg/dl Female: 29.0 -226.0 mg/dl 24 hour urine: Male: 0.9 - 2.4 g/24 hr Female: 0.7 - 1.6 g/24 hr	
Urine Glucose		Random: No established range 24 hour: No established range	
Urine Potassium		Random: No established range 24 hour: 25-125 mmol/24 hr	
Urine Phosphorus		Random: No established range 24 hour: 0.4-1.3 g/24hr	
Urine Magnesium		Random: No established range 24 hour: No established range	
Protein Creatinine Ratio, Random and Timed Urine		Random: 0-200 mg/g 24 hour: 0-200 mg/24hr	
Urine Sodium		Random: No established range 24 hour: 40-220 mmol/L/24hr	



Test	Result	Reference Range	Critical Value
Urine Total Protein		Random: 0 - 11 mg/dl 24 hour: 0 - 149 mg/24hr	
Urine Uric Acid		Random: No established range 24 hour: 250 - 750 mg/24hr	
Urine Urea		Random: No established range 24 hour: No established range	
Urine Microalbumin 24 hrs		Microalbumin Quant 0 - 20 mg/24hr Microalb/Creat Ratio 0 - 30 mg/24hr	
Urine Microalbumin Random		Microalbumin Quant. 0 - 20 mg/L Microalb/Creat. Ratio 0- 30 mg/g	
Ammonia		11-32 umol/L	Newborn < 28 days old > 100 mcmol/L
Troponin		< 0.046 ng/mL	> = 0.100 ng/mL
PBNP		75 YRS: < 450 pg/mL	
CA19-9		2 - 37 IU/mL	
Mycophenolic Acid		Patient assessment required	
Tacrolimus		Patient assessment required	
Sirolimus		Patient assessment required	
Cyclosporine		Patient assessment required	
Testosterone		Adult Males <50 (240.24-870.68 ng/dl) Adult Males > = 50 (220.91-715.81 ng/dl) Adult Females 21- 49 years old 13.84-53.35 ng/dl Adult females ≥50 years old 12.40-35.76 ng/dl	
HIV Ag/Ab Architect Combo		Non-reactive	
SARS Cov-2 IgG Antibody		Negative	
Gestational- Glucose Screen, Pregnancy, 50 gm/ One-Hour Gestational Screen		<140 mg/dl	< 50 mg/dl > 500 mg/dl Newborn < 28 days < 40 mg/dl > 250 mg/dl
Gestational- Glucose Tolerance Test, Pregnancy, 100gm/ Gestational Glucose Tolerance Test		Fasting: <95 mg/dl 1 hour: <180 mg/dl 2 hour: < 155 mg/dl 3 hour: < 140 mg/dl	< 50 mg/dl > 500 mg/dl Newborn < 28 days < 40 mg/dl > 250 mg/dl
Glucose, 2-hour Post Prandial/		<140 mg/dl	< 50 mg/dl > 500 mg/dl



COMPUTER DOWNTIME INTERIM REPORT

Test	Result	Reference Range	Critical Value
Glucose Tolerance			
Test (Non- Gestational) 75 gm			Newborn < 28 days
Ocstational) 10 gill			< 40 mg/dl > 250 mg/dl



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SORRENTO MESA CORE LAB CHEMISTRY TESTS

Test	Result	Reference Range
Hemoglobin A1C		Non-diabetic <6.5 % of total hemoglobin Pre-diabetic 5.7 – 6.4 % of total hemoglobin Diabetic > = 6.5 % of total hemoglobin



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SORRENTO MESA CORE LAB IMMUNOCHEMISTRY TESTS

Test	Result	Reference Range
Fecal occult blood (FOB)		Negative



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SORRENTO MESA CORE LAB IMMUNOCHEMISTRY TESTS

Test	Result	Reference Range
Cortisol, Random		Before 10am (CORTAM) 3.7-19.4 mcg/dL
Cortisol, Randolli		After 4pm (CORTPM) 2.9-17.3 mcg/dl
Cortisol, AM		Before 10am (CORTAM) 3.7-19.4 mcg/dL
Cortisol, Alvi		After 4pm (CORTPM) 2.9-17.3 mcg/dl
Cortisol, PM		Before 10am (CORTAM) 3.7-19.4 mcg/dL
Cortisol, Fivi		After 4pm (CORTPM) 2.9-17.3 mcg/dl
Cortisol, Baseline		Baseline: >5.0 mcg/dl
Cortisol, Post Cortrosyn		
CS30M		After Cortrosyn: >17 mcg/dL
CS45M		
CS60M		
Cortisol, Post Dex		<5 mcg/dl
Cortisol, Post Stimulation		After Cortrosyn: >18 mcg/dl
Estradiol		Males <39.0 pg/ml Females: Category/Phase Reference Range (pg/mL) Menstruating Females (by day in cycle relative to LH peak) Follicular (-12 to -4 days) 18.9-246.7 pg/mL Midcycle (-3 to +2 days) 35.5-570.8 pg/mL Luteal (+4 to +12 days) 22.4-256.0 pg/mL Postmenopausal (untreated) Not detectable - 44.5 pg/mL Patients being treated with fulvestrant (Faslodexr) may have falsely elevated estradiol results.



Test	Result	Reference Range
FSH		Males 1.4 - 18.1 mIU/MI Females: Follicular phase 2.5 - 10.2 mIU/MI Midcycle phase 3.4 - 33.4 mIU/MI Luteal 1.5 - 9.1 mIU/MI Pregnant <0.3 mIU/ML
LH		Females: Normally Menstruating Follicular phase 1.9-12.5 mIU/mL Midcycle peak 8.7-76.3 mIU/mL Luteal phase 0.5-16.9 mIU/mL Pregnant <0.1-1.5 mIU/mL Postmenopausal 15.9-54.0 mIU/mL Contraceptives 0.7-5.6 mIU/mL Males: 20-70 yrs 1.5 -9.3 mIU/mL
		>70 yrs 3.1 – 34.6 mIU/mL Children: <0.1 – 6.0 mIU/mL
Progesterone		Females: Luteal Phase 3.3-25.6 ng/ml Mid-Luteal Phase 4.4-28.0 ng/ml Post-Menopausal Females 0.0-0.7 ng/ml Pregnant Females: First Trimester 11.2-90.0 ng/ml Second Trimester 25.6-89.4 ng/ml Third Trimester 48.4-422.5 ng/ml DHEAS used as part of in vitro fertilization (IVF) protocols may cause a falsely elevated progesterone result on the Siemens Advia Centaur. Progesterone level used as a criterion for fresh embryo transfer in patients supplemented with DHEAS should be assessed using an alternate assay such as LCMS chromatography.
Prolactin		Males 2.1 - 17.7 ng/mL Females: Nonpregnant 2.8 - 29.2 ng/ml Pregnant 9.7 - 208.5 ng/mL Postmenopausal 1.8 - 20.3 ng/ml
Т3		60-181 ng/dL
VB12		211-911 pg/mL
Alpha-fetoprotein		0-15 ng/mL
CA27.29 BR assay		<38.6 U/mL



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Test	Result	Reference Range
CA125		0-35 U/mL
CEA		<2.5 ng/ml (adult non-smoker) <5.0 mg/ml (adult smoker)
PSA		Males 0 - 49 yrs 0.0 - 2.5 ng/mL 50 - 59 yrs 0.0 - 3.5 ng/mL 60 - 69 yrs 0.0 - 4.5 ng/mL >70 yrs 0.0 - 6.5 ng/mL Females < 4.0 ng/mL
IPTH		18.5-88.0 pg/ml Serum values
Cyclic Citrullinated Peptide		0.0 – 4.99 U/mL
Anti-Thyroglobulin		<61 U/mL
Anti thyroid- Peroxidase		<60.1 U/mL
Rubella IGG		≤5.0 IU/mL Negative for IgG antibodies to Rubella virus ≥ 5.0 IU/mL and ≤9.9 Equivocal ≥10.0 IU/mL Positive for IgG antibodies to Rubella virus
Hepatitis B surface antigen		Non-reactive
Hepatitis B surface antigen confirmatory		Negative
Hepatitis B surface antibody		<10.0 mIU/mL Non-Immune to HBV Infection >9.9 mIU/mL Immune to HBV infection
Hepatitis B core IgM antibody		Non-reactive
Hepatitis B core Ab total		Non-reactive
Hepatitis C antibody		Non-reactive
Hepatitis A Ab total		Non-reactive
Hepatitis A IgM Antibody		Non-reactive
Vitamin D		Deficiency < 20 ng/mL Insufficiency 20 - 29.9 ng/mL Optimum Level 30 - 100 ng/mL Possible Toxicity >100 ng/mL No pediatric range established
Syphilis		Non-Reactive



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SORRENTO MESA CORE LAB IMMUNOCHEMISTRY TESTS

Test	Result	Reference Range	
C-Peptide		0.9 - 7.1 ng/mL	
Beta 2 Microglobulin		1.0 - 1.7 mg/L	
DHEA Sulfate		Males: Age: 20 - 29	
SPE (Allergy) Common Aeroallergen Panel Common Food Allergen Panel Additional Pollen Panel		Class kU/L Allergen Reactivity 0 <0.10 Absent or ND 0 0.10 - 0.34 Very Low I 0.35 - 0.69 Low II 0.70 - 3.49 Moderate III 3.50 - 17.49 High IV 17.5 - 52.49 Very High V 52.5 - 99.99 Very High VI >=100 Very High	
Sex Hormone Binding Globulin Thyroglobulin Homocysteine Insulin Immunoglobulin IgE		M: 13 – 71 nmol/L F: 18 -114 nmol/L 0.0 - 55.0 ng/mL <60: 5 - 15 umol/L >60: 5 - 20 umol/L 6 - 27 ulU/mL <88 IU/mL	



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Test	Result	Reference Range
LYM Borrelia burgdorferi (Lyme), IgG/IgM		=/<0.90 OD Ratio Negative 0.91 to 1.09 OD Ratio Equivocal =/>1.10 OD Ratio Positive
ACLP Anticardiolipin antibodies, IgG and IgM		Cardiolipin IgM <20 MPL Negative 20-29 MPL Low Positive 30-79 MPL Moderate Positive >79 MPL High Positive Cardiolipin IgG <20 GPL Negative 20-29 GPL Low Positive 30-79 GPL Moderate Positive >79 GPL High Positive
CMVG Cytomegalovirus, IgG		=/<0.90 OD Ratio Negative 0.91 to 1.09 OD Ratio Equivocal =/>1.10 OD Ratio Positive
CMVM Cytomegalovirus, IgM		=/<0.90 OD Ratio Negative 0.91 to 1.09 OD Ratio Equivocal =/>1.10 OD Ratio Positive
EBVPL Epstein-Barr Virus Ab Panel without Early Antigen Includes: Viral Capsid Antigen IgG Viral Capsid Antigen IgM Nuclear Ag Antibodies		No detectable antibody to EBV IgG, EBV IgM, EBV EBNA IgG Index Value (IV) =/<0.90 IV Negative 0.91 to 1.09 IV Equivocal =/>1.10 IV Positive
HSV1GG HerpeSelect 1 ELISA IgG by Focus Technologies		Index Value (IV) =/<0.90 IV Negative No IgG antibodies to HSV-1 0.91 to 1.09 IV Equivocal =/>1.10 IV Positive Presumptive for the presence of IgG antibodies to HSV-1



Test	Result	Reference Range
HSV2GG HerpeSelect 2 ELISA IgG by Focus Technologies		Index Value (IV) =/<0.90 IV Negative No IgG antibodies to HSV-2 0.91 to 1.09 IV Equivocal =/>1.10 IV Positive Presumptive for the presence of IgG antibodies to HSV-2
RUBO Measles (Rubeola) IgG		=/<0.90 OD Ratio Negative 0.91 to 1.09 OD Ratio Equivocal =/>1.10 OD Ratio Positive
MUMPSG Mumps IgG		=/<0.90 OD Ratio Negative 0.91 to 1.09 OD Ratio Equivocal =/>1.10 OD Ratio Positive Indicates past or current infection with Mumps Virus or prior vaccination against Mumps Virus.
VRCZ Varicella-Zoster Virus IgG		=/<0.90 OD Ratio Negative for IgG antibodies to VZV. Indicates no current or previous infection with VZV. Non-Immune 0.91-1.09 OD Ratio Equivocal. Should be retested. =/>1.10 OD Ratio Positive for IgG antibodies to VZV. Indicates past or current VZV infection. Immune.



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Test	Result	Reference Range
Kappa Quantitative Free Light Chain		3.30 – 19.40 mg/L
Lambda Quantitative Free Light Chain		5.71 – 26.30 mg/L
Kappa/Lambda Free Light Chain Ratio (calculated)		0.26 – 1.65



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Test	Result	Reference Range
RPR		Non-Reactive
RPRT		
RPRM		Non-Reactive



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Test	Result	Reference Range	Notes:
QuantiFERON (QTB)		<0.35 IU/ml Negative	Indeterminant results can occur due to:
Interpretation		= >0.35 IU/ml Positive	1-insufficient interferon production in the Mitogen tube (<0.5IU/L) this can
CD4 Lymphocyte Reactivity (TB1-NIL)		0.0 to 0.34 IU/ml	result from a- improper specimen handling b- immune suppression
CD4 and CD8 Lymphocyte Reactivity (TB2-NIL)		0.0 to 0.34 IU/ml	2- Excessive interferon in NIL (unstimulated) tube (NIL>8 IU/ml). This can result from
Mitogen-NIL			a. Excessive circulating interferon or heterophile antibodies.
IVIL			b. Improper specimen handling.



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Test	Result	Reference Range
Cold agglutinin		
Titer at 4°C		Normal = titer of 1:32 or less
Titer at 22°C		Elevated = 1:64 or greater
Titer at 37°C		
Cryoglobulin		Negative
Mono screening		Negative

Test	Result	Reference Range
HIV GEENIUS		
HIV1-Ab		
Supplemental		Non-Reactive
HIV2-Ab		
Supplemental		Non-Reactive



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Test	Result	Reference Range		
SCL-70		Negative		
Anti-SM Ab		Negative		
Siogrens AB SSA AB SSB AB		Negative Negative		
SMRNP		Negative		
ANA EIA		Negative		
ANAH (Quantitative)		Negative at 1:40		
HEP-2 PATTERN				
DNA		Negative at 1:10		
Liver Kidney Microsomal AB (LKMA)		Negative 1:20		
Antimitochondrial AB (AMITA)		Negative at 1:20		
Anti-smooth muscle AB (ASMA)		Negative at 1:20		
Anti-Parietal cell AB (APCA)		Negative at 1:20		



Urine Protein Electrophoresis

COMPUTER DOWNTIME INTERIM REPORT

Laboratory Services				
Patient Name: Date of Birth:		IP/UCC: Hospital/ Location: OP: Ordering Physician:		
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Serum Protein Electrophoresis	Pathology Interpretation			

Pathology interpretation



COMPUTER DOWNTIME CRITICAL CALL LOG

Patient Name	MRN/CSN or D Accession #	Test and Critical Value	Person Notified Corporate ID/Title or 1st Initial, Last Name and Title	Date and Time	Lab tech Corp ID