

\*Reference values apply ONLY to tests performed at Allina Medical Laboratories

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Time called:** \_\_\_\_\_  
**Doctor:** \_\_\_\_\_ **Rec'vd by:** \_\_\_\_\_ **Reported by:** \_\_\_\_\_

### Coagulation

INR: \_\_\_\_\_ ≤ 1.2  
 PTT: \_\_\_\_\_ 26 – 39 sec  
 Thrombin Time: \_\_\_\_\_ < 22 sec  
 Fibrinogen: \_\_\_\_\_ 170 – 440 mg/dl  
 D-Dimer: \_\_\_\_\_ < 0.5 mcg/ml  
 Heparin: \_\_\_\_\_ 0.3 – 0.65 units/ml  
 LMWH: \_\_\_\_\_ 0.3 – 0.65 units/ml  
 AT3: \_\_\_\_\_ 79 – 131%  
 Chromogenic Factor 10 \_\_\_\_\_ 60 – 120%

### Hematology

WBC: \_\_\_\_\_ 4.5 – 11.0 x 10<sup>3</sup> cumm  
 RBC: \_\_\_\_\_ Male: 4.30 – 5.90 x 10<sup>3</sup> cumm  
 \_\_\_\_\_ Female: 4.00 – 5.20 x 10<sup>3</sup> cumm  
 Hgb: \_\_\_\_\_ Male: 13.5 – 17.5 gm/dl  
 \_\_\_\_\_ Female: 12.0 – 16.0 gm/dl  
 \_\_\_\_\_ Newborn: 10.0 – 18.0 gm/dl  
 Hct: \_\_\_\_\_ Male: 36 – 51%  
 \_\_\_\_\_ Female: 33 – 51%  
 MCV: \_\_\_\_\_ Male: 80 – 100 fl  
 \_\_\_\_\_ Female: 80 – 100 fl  
 Platelets: \_\_\_\_\_ 140 – 440 x 10<sup>3</sup> cumm  
 Sed. Rate: \_\_\_\_\_ Male: 0 – 20 mm/hr  
 \_\_\_\_\_ Female: 0 – 30 mm/hr

### Differential

	<u>%</u>	<u>Absolute #</u>
Neut. (Seg): _____	42 – 72	1.7 – 7.0
Bands: _____		<1.0
Lymph: _____	20 – 44	0.9 – 2.9
Mono: _____	0 – 11	< 0.9
Eos: _____	0 – 7	< 0.5
Baso: _____	0 – 3	< 0.3
Metamyelo: _____	0	
Normoblasts: _____	0	
Aniso: _____		
Poik: _____		
Poly: _____		
Toxic Neut.: _____		

### Urinalysis

Appearance: \_\_\_\_\_ Clear/sl cloudy  
 Spec. Grav.: \_\_\_\_\_ 1.002 – 1.030  
 pH: \_\_\_\_\_ 5 – 9  
 Urobil: \_\_\_\_\_ ≤ 1.0  
 Protein: \_\_\_\_\_ Negative  
 Glucose: \_\_\_\_\_ Negative  
 Ketones: \_\_\_\_\_ Negative  
 Bile: \_\_\_\_\_ Negative  
 Blood: \_\_\_\_\_ Negative  
 Nitrate: \_\_\_\_\_ Negative  
 Leukocyte esterase: \_\_\_\_\_ Negative

### Microscopic

WBC: \_\_\_\_\_ 0 – 5/hpf  
 RBC: \_\_\_\_\_ 0 – 2/hpf  
 Epith: \_\_\_\_\_ few/lt  
 Amorph: \_\_\_\_\_  
 Bacteria: \_\_\_\_\_  
 Mucus: \_\_\_\_\_  
 Casts: \_\_\_\_\_ 0 – 5 hyaline/lpf

### Chemistry

#### GASES

Source: \_\_\_\_\_  
 pH: \_\_\_\_\_ (Art: 7.35 – 7.45; Ven: 7.32 – 7.42)  
 pCO2: \_\_\_\_\_ (Art: 35 – 45; Ven: 41 – 51 mmHg)  
 pO2: \_\_\_\_\_ (Art: 83 – 108; Ven: 35 – 40 mmHg)  
 Bicarb: \_\_\_\_\_ (Art: 22 – 28; Ven: 22 – 30 mEq/L)  
 Base Excess: \_\_\_\_\_ -2.5/+ 2.5  
 O2 Sat: \_\_\_\_\_ (Art: > 95; Ven: 70 – 75%)  
 FIO2: \_\_\_\_\_

#### Electrolytes & Panel 8

BUN: \_\_\_\_\_ 7 – 25 mg/dl  
 Sodium: \_\_\_\_\_ 135 – 145 mEq/L  
 Potassium: \_\_\_\_\_ 3.5 – 5.1 mEq/L  
 Chloride: \_\_\_\_\_ 98 – 110 mEq/L  
 CO2: \_\_\_\_\_ 22 – 32 mEq/L  
 Glucose: \_\_\_\_\_ 65 – 100 mg/dl  
 Creatinine: \_\_\_\_\_ 0.5 – 1.3 mg/dl  
 Calcium: \_\_\_\_\_ 8.5 – 10.5 mg/dl

#### Panel

ALT \_\_\_\_\_ 10 – 40 IU/L  
 AST: \_\_\_\_\_ 10 – 42 IU/L  
 Creatinine: \_\_\_\_\_ 0.5 – 1.3 mg/dl  
 Uric Acid: \_\_\_\_\_ M: 4.8 – 8.7 mg/dl F: 2.6 – 7.2 mg/dl  
 Phosphorous: \_\_\_\_\_ 2.5 – 4.7 mg/dl  
 Alk. Ptase: \_\_\_\_\_ 34 – 104 IU/L  
 BUN: \_\_\_\_\_ 7 – 25 mg/dl  
 Glucose: \_\_\_\_\_ 65 – 100 mg/dl  
 Calcium: \_\_\_\_\_ 8.5 – 10.5 mg/dl  
 LD: \_\_\_\_\_ 100 – 225 IU/L  
 Total Bilirubin: \_\_\_\_\_ < 1.5 mg/dl  
 Total Protein: \_\_\_\_\_ 6.0 – 8.0 gm/dl  
 Albumin: \_\_\_\_\_ 3.5 – 5.0 gm/dl  
 Cholesterol: \_\_\_\_\_ 110 – 199 mg/dl  
 Triglycerides: \_\_\_\_\_ 40 – 149 mg/dl  
 HDL: \_\_\_\_\_ > 40 mg/dl  
 LDL: \_\_\_\_\_ < 130 mg/dl

#### Cardiac

CK: Male: \_\_\_\_\_ 38 – 174 IU/L  
 Female: \_\_\_\_\_ 26 – 140 IU/L  
 CK MB: \_\_\_\_\_ 0 – 7 ng/ml  
 CK MB%: \_\_\_\_\_ 0 – 5%  
 Troponin T: \_\_\_\_\_ < 0.04 ng/ml  
 BNP: \_\_\_\_\_ < 100 pg/ml

#### Other

Amylase – Serum: \_\_\_\_\_ 25 – 125 IU/L  
 Urine: \_\_\_\_\_ 1 – 17 IU/Hr  
 Total Bilirubin Neonatal: \_\_\_\_\_ 1.5 – 12.0 mg/dl  
 Magnesium: \_\_\_\_\_ 1.8 – 2.6 mg/dl  
 Osmolality – Serum: \_\_\_\_\_ 275 – 300 mOsm/kg  
 Urine: \_\_\_\_\_ 250 – 900 mOsm/kg  
 Lipase: \_\_\_\_\_ 22 – 51 IU/L  
 GGT: \_\_\_\_\_ 7 – 50 IU/L  
 Hgb A1C: \_\_\_\_\_ ≤ 6.4%  
 Microalbumin: \_\_\_\_\_ < 30 mg/g creat

# Allina Medical Laboratories Result Report Form

\*Reference values apply ONLY to tests performed at Allina Medical Laboratories

Name: \_\_\_\_\_ S.S.#: \_\_\_\_\_ Room #: \_\_\_\_\_

Doctor: \_\_\_\_\_ Date: \_\_\_\_\_ Rec'vd by: \_\_\_\_\_ Reported by: \_\_\_\_\_

## MICROBIOLOGY

Specimen Source:

\_\_\_ Urine \_\_\_ Throat \_\_\_ Sputum \_\_\_ Blood \_\_\_ Stool  
\_\_\_ Other, Specify: \_\_\_\_\_

Gram Stain:

\_\_\_ PMN's \_\_\_ Gram Neg Bacilli  
\_\_\_ No PMN's \_\_\_ Gram Neg Diplococci  
\_\_\_ Epithelial Cells \_\_\_ Gram Neg Bacilli, tiny  
\_\_\_ Gram Pos Cocci  
\_\_\_ Gram Pos Cocci-Pairs \_\_\_ Yeast  
\_\_\_ Gram Pos Cocci-Chains Other: \_\_\_\_\_  
\_\_\_ Gram Pos Cocci-Clusters \_\_\_\_\_  
\_\_\_ Gram Pos Bacilli  
\_\_\_ Usual Vaginal Flora Morphotypes  
\_\_\_ Mixed Flora, Indeterminate for Bacterial Vaginosis  
\_\_\_ Bacterial Vaginosis Morphotypes  
  
\_\_\_ Preliminary Report \_\_\_ Final Report

Culture Report: \_\_\_ No Growth \_\_\_ Usual Respiratory Flora

\_\_\_ No Beta Strep

\_\_\_ No *Salmonella*, *Shigella*, *Campylobacter*, *Aeromonas*,  
*E. Coli* 0157:H7.

## ADDITIONAL ANTIBIOTICS TESTED ON REQUEST

Contact Microbiology Lab 612-863-4337

Susceptibility: Organism: \_\_\_\_\_

[S = Susceptible, I = Intermediate, R = Resistant]

___ Ampicillin	___ Chloramphenicol	___ Piperacillin
___ Amoxicillin/ Clavulanate	___ Ciprofloxacin	___ Piperacillin/ Tazobactam
___ Ampicillin/ Sulbactam	___ Clindamycin	___ Quinupristin Dalfopristin
___ Azithromycin	___ Gentamicin	___ Rifampin
___ Aztreonam	___ Gentamicin	___ Streptomycin
___ Beta lactamase	Synergy	Synergy
___ Cefazolin	___ Imipenem	___ Tetracycline
___ Cefepime	___ Levofloxacin	___ Ticarcillin
___ Cefotetan	___ Linezolid	___ Ticarcillin/ Clavulanate
___ Cefotaxime	___ Moxifloxacin	___ Tobramycin
___ Ceftazidime	___ Nitrofurantoin	___ Trimeth/Sulfa
___ Ceftizoxime	___ Norfloxacin	___ Vancomycin
___ Ceftriaxone	___ Ofloxacin	_____
___ Cefuroxime	___ Oxacillin	_____
___ Cephalothin	___ Penicillin	_____

Susceptibility: Organism: \_\_\_\_\_

[S = Susceptible, I = Intermediate, R = Resistant]

___ Ampicillin	___ Chloramphenicol	___ Piperacillin
___ Amoxicillin/ Clavulanate	___ Ciprofloxacin	___ Piperacillin/ Tazobactam
___ Ampicillin/ Sulbactam	___ Clarithromycin	___ Quinupristin Dalfopristin
___ Azithromycin	___ Clindamycin	___ Rifampin
___ Aztreonam	___ Erythromycin	___ Streptomycin
___ Beta lactamase	___ Gentamicin	Synergy
___ Cefazolin	Synergy	Synergy
___ Cefepime	___ Imipenem	___ Tetracycline
___ Cefotetan	___ Levofloxacin	___ Ticarcillin
___ Cefotaxime	___ Linezolid	___ Ticarcillin/ Clavulanate
___ Ceftazidime	___ Moxifloxacin	___ Tobramycin
___ Ceftizoxime	___ Nitrofurantoin	___ Trimeth/Sulfa
___ Ceftriaxone	___ Norfloxacin	___ Vancomycin
___ Cefuroxime	___ Ofloxacin	_____
___ Cephalothin	___ Oxacillin	_____
	___ Penicillin	_____

## DRUG AND TOXICOLOGY

Alcohol (Ethanol) Plasma: \_\_\_\_\_ Intoxication: >0.08 gm/dl  
Toxic: >0.30

Carbamazepine: \_\_\_\_\_ Therapeutic: 4 – 10 mcg/ml  
Toxic: >12 mcg/ml

Digoxin: \_\_\_\_\_ Therapeutic: 0.5 – 2.0 ng/ml  
Toxic: >2.5 ng/ml

Gentamycin Peak: \_\_\_\_\_ Therapeutic: 5 – 10 mcg/ml  
Toxic: >12 mcg/ml

Gentamycin Trough: \_\_\_\_\_ Therapeutic: <2 mcg/ml  
Toxic: >2 mcg/ml

Lithium: \_\_\_\_\_ Therapeutic: 0.5 – 1.5 mEq/L  
Toxic: >1.5 mEq/L

Phenobarbital: \_\_\_\_\_ Therapeutic: 15 – 40 mcg/ml  
Toxic: >50 mcg/ml

Phenytoin: \_\_\_\_\_ Therapeutic: 10 – 20 mcg/ml  
Toxic: >30 mcg/ml

Primidone: \_\_\_\_\_ Therapeutic: 5 – 12 mcg/ml  
Toxic: >15.0 mcg/ml

Salicylate: \_\_\_\_\_ Therapeutic: 15 – 30 mg/dl  
Toxic: >35 mg/ml

Theophylline: \_\_\_\_\_ Therapeutic: 10 – 20 mcg/ml  
Toxic: >20 mcg/ml

Tobramycin Peak: \_\_\_\_\_ Therapeutic: 4 – 10 mcg/ml  
Toxic: >12 mcg/ml

Tobramycin Trough: \_\_\_\_\_ Therapeutic: <2 mcg/ml  
Toxic: >2 mcg/ml

Valproic Acid: \_\_\_\_\_ Therapeutic 50 – 100 mcg/ml  
Toxic: >150 mcg/ml

Vancomycin Peak: \_\_\_\_\_ Therapeutic 35 – 45 mcg/ml  
Toxic: >60 mcg/ml

Vancomycin Trough: \_\_\_\_\_ Therapeutic: 7.0 – 20.0 mcg/ml  
Toxic: >20 mcg/ml

## DRUG SCREEN

Source: \_\_\_\_\_

Report: \_\_\_\_\_

## Blood Bank