

## COAGULATION TESTING:

### POTENTIAL INTERFERENCES AND LIMITATIONS

| <u>Warfarin</u>  | <u>Heparin</u>      | <u>Acute Phase Response</u>                          | <u>Once in a Lifetime Testing</u>   |
|--|---------------------|--|-------------------------------------|
| PT, APTT, dRVVT<br>Protein C & S<br>Factors II, VII, IX, X | APTT, TCT<br>AT III | Protein S Activity<br>Fibrinogen<br>Factor VIII, vWF | Gene Based Tests<br>ABO Blood Group |

**(59331) Lupus Anticoagulant with meds**

- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*Phosphatidylserine (IgA, IgG, IgM)
- \*STACLOT-LM (Hexagonal Phospholipid Neutralization)

**(51012) Bleeding Profile, Abn Screen**

- CBC w/Diff (Hgb, Hct, RBC, WBC, Pit, Diff)
- \*Fibrinogen QN
- \*PLT Function Test\*
- \*PT, Mixing or PT Differential\*
- \*PTT Mixing or PTT Differential\*
- \*Thrombin Clot Time\*

**(51236) Thrombotic Risk During Pregnancy**

- \*Antithrombin III Activity
- \*APTT LA (Lupus Anticoagulant)
- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*Dilute Prottime
- \*DRVVT Screen (Dilute Russell Viper Venom Test)\*
- \*Factor II Mutation (Prothrombin Gene Mutation)
- \*Factor V Leiden Mutation
- \*Homocysteine, Cardio
- \*MTHFR, DNA Mutation
- \*Phosphatidylserine (Phosphatidylserine AB, IgA, IgG, & IgM)

**(59328) Fetal Demise**

- \*Antinuclear Antibodies w/Refi Titer & Pattern\*
- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*DRVVT Screen (Dilute Russell Viper Venom Time)\*
- \*Factor II Mutation (Prothrombin Gene Mutation)
- \*Homocysteine, Cardio
- \*Phosphatidylserine (IgA, IgG, IgM)
- \*PTT Mixing or PTT Differential\*

**(59330) Lupus Anticoag w/o meds**

- \*APTT LA (Lupus Anticoagulant)
- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*Dilute Prottime
- \*DRVVT Screen (Dilute Russell Viper Venom Test)\*
- \*Phosphatidylserine (IgA, IgG, IgM)

**(51235) Thrombotic Risk Pre-Pregnacy**

- \*APTT LA (Lupus Anticoagulant)\*
- \*Antithrombin III Activity
- \*APC Resistance
- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*Dilute Prottime
- \*DRVVT Screen (Dilute Russell Viper Venom Test)\*
- \*Factor II Mutation (Prothrombin Gene Mutation)
- \*Factor V Leiden Mutation
- \*Homocysteine, Cardio
- \*MTHFR, DNA Mutation
- \*Phosphatidylserine (Phosphatidylserine AB, IgA, IgG, & IgM)
- \*Protein C, Activity w/Refi to Protein C Antigen\*
- \*Protein S, Activity w/Refi to Protein S Antigen & Free S Antigen\*
- \*PTT. mixing or PTT differential

**(51013) Venous Hypercoag w/o meds**

- \*Antithrombin III Activity
- \*APC-Resistance
- \*Cardio CRP
- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*DRVVT Screen (Dilute Russell Viper Venom Time)\*
- \*Factor II Mutation (Prothrombin Gene Mutation)
- \*Factor V Leiden Mutation
- \*Homocysteine, Cardio
- \*Lipoprotein (a) {Lp(a)}
- \*Phosphatidylserine (Phosphatidylserine AB, IgA, IgG, & IgM)
- \*Protein C, Activity w/Refi to Protein C Antigen\*
- \*Protein S, Activity w/Refi to Protein S Antigen & Free S Antigen\*
- \*APTT mixing study

**(59337) Hypercoag with meds**

- \*Cardiolipin AB (IgA, IgG, IgM)\*
- \*Factor II Mutation (Prothrombin Gene Mutation)
- \*Factor V Leiden Mutation
- \*Homocysteine, Cardio
- \*Phosphatidylserine (Phosphatidylserine AB, IgA, IgG, & IgM)
- \*STACLOT-LA (Hexagonal Phospholipid Neutralization)

**(59338) von Willebrand Profile**

- \*ABO Blood Type
- \*CBC w/Diff (Hgb,Hct,RBC, WBC, Pit, Diff)
- \*COAG Factor VIII activity
- \*Factor 8 Ristocetin (von Willebrand Factor Activity)
- \*Fibrinogen QN
- \*PLT Function Test\*
- \*PT, Mixing or PT Differential\*
- \*PTT, Mixing or PTT Differential\*
- \*Thrombin clot time\*

\*Indicates additional reflex testing will be performed if indicated with an additional charge.