

TEST SUMMARY

Dysfibrinogenemia Functional Panel

This panel is for the assessment of fibrinogen function. Thrombin time may be prolonged due to afibrinogenemia, hypofibrinogenemia, dysfibrinogenemia, or the presence of heparin and direct thrombin inhibitors. Heparin contamination can be ruled out by adding protamine sulfate if thrombin time is prolonged. The clot-based tests in this panel are designed to be sensitive to fibrinogen disorders including dysfibrinogenemia, hypofibrinogenemia, hypodysfibrinogenemia and afibrinogenemia. In order to confirm the absence of heparins or DTIs, the thrombin time test reflexes to a heparin neutralization test when prolonged.

Please visit Machaondiagnosics.com for further information.

References: 1. Medved L et al. Fibrinogen and Factor XIII Subcommittee of Scientific Standardization Committee of International Society on Thrombosis and Haemostasis. Recommendations for nomenclature on fibrinogen and fibrin. J Thromb Haemost 2009; 7:355. 2. Tennent GA et al. Human plasma fibrinogen is synthesized in the liver. Blood 2007; 109:1971. 3. Martinez J. Congenital dysfibrinogenemia. Curr Opin Hematol 1997; 4:357. 4. Collen D et al. Metabolism and distribution of fibrinogen. I. Fibrinogen turnover in physiological conditions in humans. Br J Haematol 1972; 22:681.



SPECIMEN REQUIREMENTS

Three aliquots;
1mL each Citrated Plasma

STABILITY

Frozen (-20C): 2 weeks
Frozen (-80C): 6 months

CPT CODE

85730
85384
85610
85670

METHODOLOGY

Clot-based

TURNAROUND TIMES

Routine TAT: <1 week
STAT TAT: <24 hours (7 days a week)

PANEL COMPONENT TESTS

Fibrinogen Activity
Thrombin Time
aPTT
Prothrombin Time (PT/INR)

ASSOCIATED TESTS

Dysfibrinogenemia Genetic Panel
CoagGenex Clotting Genetic Panel

DRAW KITS AVAILABLE

ABOUT US:

Machaon Diagnostics is a clinical reference laboratory, specializing in coagulation, platelets, complement, genetics and rare disease



WHY CHOOSE US?

- ✓ Fastest turnaround in the US
- ✓ Weekend testing for STATs
- ✓ Draw kits (includes free shipping)
- ✓ Clinical consultation
- ✓ Critical Results called to physician

