FIBRINOGEN

London Health Sciences Centre | St. Joseph's Health Care London

Pathology and Laboratory Medicine

Orderable - FIBC

Turn Around Time: 4 hours **STAT: 1 hour**

Laboratory:
Core Lab

Requisition:
GENERAL LABORATORY REQUISITION

Method of Analysis:
Automated clot detection

Test Schedule:
As required

Specimen:

Adult	Pediatric
2.7 mL Blue (3.2% Sodium Citrate) Vacutainer tube	1.8 mL Blue (3.2% Sodium Citrate) top Vacutainer tube *In cases where access is difficult, a 0.9 mL Blue top tube is acceptable

Collection Information:

Can be performed on the same tube as an INR or PTT.

Reference Ranges:

1.6-3.4 g/L

Critical Value: ≤1 g/L

Interpretive Comments:

Decreased level indicates increased consumption, decreased production or dysfunctional fibrinogen.

Comments:

Fibrinogen levels ordered at St. Joseph's Health Care will be sent by cab to University Hospital for analysis.

INR/PTT will be performed at St. Joseph's Health Care Core Laboratory and the specimen will then be sent **on ice** to University Hospital for a fibrinogen level.

Storage and Shipment:

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Blue (Sodium Citrate) top specimens are kept at 18-24˚ Celsius.

Blue (Sodium Citrate) top specimens should be centrifuged and tested within 4 hours from the time of specimen collection or plasma should be removed from the cells and frozen.

Specimens may be kept for up to two weeks at -20˚ Celsius or up to six months at -70˚ Celsius.

Plasma aliquots are stored at -20˚ Celsius or below and transported to arrive frozen.

Thaw samples in a 37˚ Celsius waterbath and process immediately.

Samples are discarded after 4 hours.