

LAB326 Mixing Study, PTT

BMC



Important Note

Please test PTT on same day of collection before sending frozen sample to MIB.

Performing Location(s)

BMC

Specimen Type

Plasma

Preferred Container

Four 3.2% sodium citrate plastic blue top tubes, 4.5 mL each (one set of 4 is sufficient if both MXPT and MXPTT are ordered)

Minimum Volume to Submit for Testing

4.5 mL plasma

Transportation Needs

If transportation to the laboratory is to be delayed for more than 1 hour: Prepare Platelet Poor Plasma.

Centrifuge tube at 1500g for 10 minutes.

Use a plastic transfer pipet to remove plasma (staying away from buffy coat layer) to transfer top 2/3 of plasma to plastic aliquot tube.

Place plasma from the 4 tubes together in one aliquot tube 4.

Centrifuge aliquot tube at 1500g for 10 minutes.

Transfer top 3/4 of plasma (do not disturb button at bottom of tube) into 2 or more plastic aliquot tubes.

Label appropriately with patient information and PLASMA sticker.

Freeze immediately at -15° to -25°C freezer until ready for transport.

Plasma must be transported to the laboratory frozen.

Causes for Rejection

Clotted specimens

Mislabeled or unlabeled specimens

Collection in any tube other than 3.2% plastic sodium citrate blue top tube.

Less than 90% filled

Received greater than 4 hours old unless separated from cells and frozen at -15° to -25°C or less than -70°C.

Hemolysis > 500 mg/dL (>4+)

Whole blood or plasma samples received refrigerated (2-8° C) or on ice.

Patients who are currently on anticoagulation therapy.

Normal APTT

Whole blood or plasma samples received refrigerated (2-8 degree C) or on ice.

Reference Values

Interpretive Guidelines:

Interpretive report may be issued by the Pathologist.

Correction of the test plasma by the addition of PNP into or within 3 seconds of the normal range for the PTT may indicate factor deficiency.

Failure of the PNP to correct PTT may indicate the presence of an inhibitor.

Available STAT

No

Methodology

Turbidimetric

CPT Code

85732