

PLATELET FUNCTION SPECIMEN COLLECTION

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| <input checked="" type="checkbox"/> St. Joseph Medical Center, Tacoma, WA | <input checked="" type="checkbox"/> St. Anthony Hospital Gig Harbor, WA | <input type="checkbox"/> Harrison Medical Center, Bremerton, WA |
| <input checked="" type="checkbox"/> St. Francis Hospital, Federal Way, WA | <input checked="" type="checkbox"/> St. Elizabeth Hospital Enumclaw, WA | <input type="checkbox"/> Harrison Medical Center, Silverdale, WA |
| <input checked="" type="checkbox"/> St. Clare Hospital Lakewood, WA | <input checked="" type="checkbox"/> Highline Medical Center Burien, WA | <input type="checkbox"/> PSC |

PURPOSE

To provide instructions for collection of whole blood specimens for platelet function testing for the Verify NOW instrument when a patient is on Aspirin or Plavix therapy.

SUPPLIES / EQUIPMENT

Greiner 2ml Sodium Citrate tube (dark blue, white center top)
Waste tube : regular BD blue top tube used for coag studies
21-gauge needles or larger

RELATED DOCUMENTS

J-W-HEM-1501 Plavix Platelet Function

STEPS

1. Two Greiner tubes and one waste tube will be collected from each patient. A 21-gauge needle or larger must be used. A butterfly needle may be used.
 - a. First collect a waste tube. Draw a 1.8ml or 2.7ml BD blue top tube. This tube can be discarded or used for additional testing.

NOTE: the waste tube should always be a BD Blue top tube. EDTA, Heparin or a Red top tube may interfere with patient testing
 - b. Fill the Greiner tube to the black line, half the tube, for each sample. Do not underfill the tube. Two tubes will be collected for each test. If the order is for just Aspirin or Plavix two tubes are needed. If both tests are requested, four Greiner tubes must be collected.
2. If other tests are required, they can be drawn after the Greiner tubes.
3. Gently mix the tube by inverting 5 times, do not shake or mix further.
4. Label tube with patient name and identifiers.
5. Time of the specimen collection is required.

STABILITY –SPECIAL HANDLING

1. Specimen is only good for testing for 4 hours and must be held at room temperature.
2. Do NOT send tube in the tube system, it must be hand carried to the lab.
3. Do NOT centrifuge the tube, testing is performed on whole blood.

LIMITATIONS

1. Specimens greater than 4 hours old must be redrawn.
2. Specimens refrigerated or frozen are unsuitable for testing.
3. Any specimen with clots or visible hemolysis cannot be tested.
4. Tubes must be filled to appropriate volume (to the black line) to ensure accurate results.

REFERENCE

Verify NOW procedure manual, Accumetrics 8/16.