

Order of Blood Draw and Specimen Collection Instructions

CAUTION: Do not uncap or open vacutainer tubes. Contact Singulex if cap has been removed or altered.

ATTENTION: There have been recent changes to the clotting time and the number of inversions.

**DRAW 1st
Serum**



FILL ONE SERUM SEPARATOR TUBE COMPLETELY FOR THE FOLLOWING TEST(S):

- Advanced Lipids
- Apo A-1
- Calcium
- Cystatin C
- DHEA-S
- Estradiol
- Folate
- Follicle Stimulating Hormone
- Free PSA
- Free T3
- Free T4
- Free Testosterone Index Panel (SHBG, Testosterone)
- GGT
- Glucose
- Homocysteine
- hs-CRP
- Insulin
- Liver Panel
- Luteinizing hormone
- Magnesium
- NT-proBNP
- Lp-PLA₂ Activity
- Progesterone
- Prolactin
- Renal Panel
- Rheumatoid Factor
- Sex Hormone Binding Globulin (SHBG)
- T3
- T4
- Testosterone
- TgAb
- Total CK
- Total PSA
- TPOAb
- TSH
- Uric Acid
- Vitamin B12
- Vitamin D

Invert 5-6 times, ALLOW TO COMPLETELY CLOT FOR A MINIMUM OF 30 MINUTES, THEN CENTRIFUGE FOR 15 MINUTES AT 3300 RPM, and refrigerate.

**DRAW 2nd
Whole Blood**



FILL ONE K₃EDTA TUBE COMPLETELY FOR THE FOLLOWING TEST(S):

- Hemoglobin A1c

Invert 8 times and refrigerate. DO NOT CENTRIFUGE.

**DRAW 3rd
Plasma**



FILL ONE K₂EDTA TUBE COMPLETELY FOR THE FOLLOWING TEST(S):

- **S_{mc}** Cardiac Troponin-I (cTnI)
- **S_{mc}** Endothelin (ET)
- **S_{mc}** Interleukin-17A (IL-17A)
- **S_{mc}** Interleukin-6 (IL-6)
- **S_{mc}** Tumor Necrosis Factor-alpha (TNF-α)
- Adiponectin
- Anti-CCP
- β-CrossLaps*
- Cortisol
- Ferritin
- GGT
- Leptin
- Osteocalcin*
- Parathyroid Hormone

Invert 8 times, then IMMEDIATELY CENTRIFUGE FOR 15 MINUTES AT 3300, and refrigerate. Do not wait to centrifuge.

***Morning draw and fasting required.**

For all tubes, please fill out patient information on the label adhered to the tube, as well as the stickers on the requisition. Must include at least 2 patient identifiers, such as full name and date of birth.

Specimen Packing Instructions

1 COLLECT

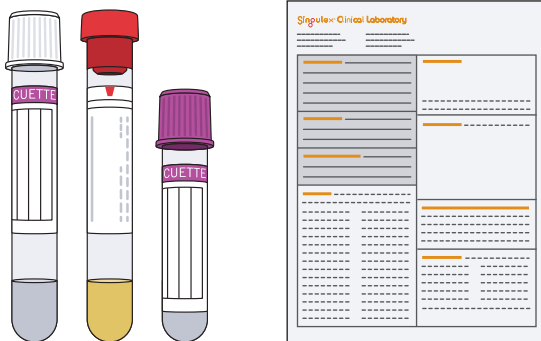
Completed Requisition

Include two-sided copy of patient's insurance card
OR
Demographic sheet to include patient's insurance information

Process Specimens

Place tubes into front pouch and seal.

Fold and place copies into back pouch.



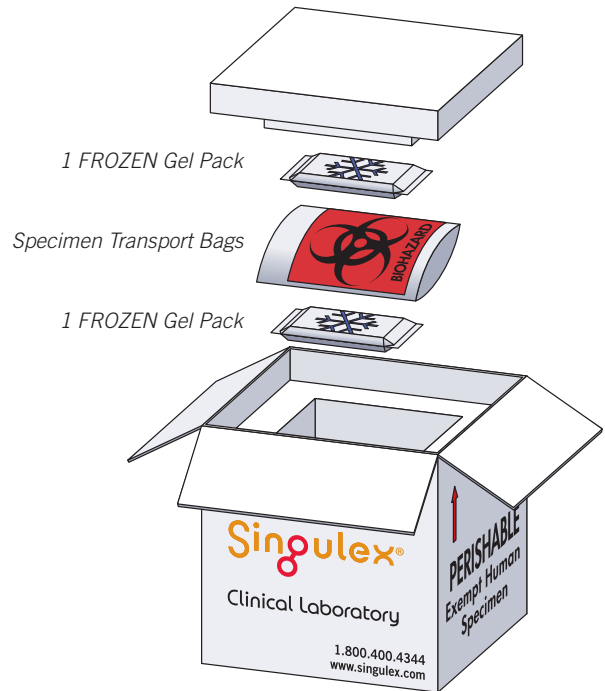
Use one bag per patient
(include absorbent material)

2 PACK

Pack for shipment in the order shown and seal cardboard box with packing tape.

Include 2 Completely Frozen Gel Packs

- **Small Kit** = 2 frozen gel packs & up to 5 specimen transport bags
- **Large Kit** = 2 frozen gel packs & up to 10 specimen transport bags



3 SHIP

- Do not apply an additional FedEx Airbill. It is already on the box.
- Please call Physician Services at 1-800-400-4344 to schedule a FedEx pickup.
- Pack up box just before shipment and hold in the office or front desk.
- Do not leave out in summer heat or winter freeze.



Caution: Do not drop off specimen into a FedEx drop box. Scheduled FedEx pickups only.