



# HUMANBIOMICS BLOOD COLLECTION AND SHIPPING INSTRUCTIONS

**1.** Complete the Chain of Custody (CoC) form, including ordering physician and service type. Please note this is a physician-ordered test. We recommend patients meet with their physician before ordering.

**2.** Patient blood sample(s) submission types: Serum or Plasma  
Plasma: use an ACE yellow tube (available at most institutions).  
Serum: Use a gel barrier tube.

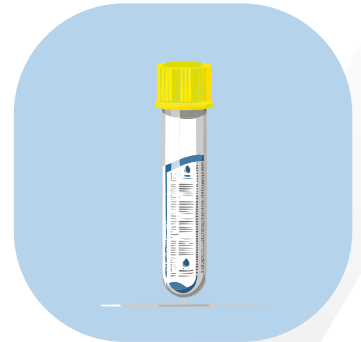
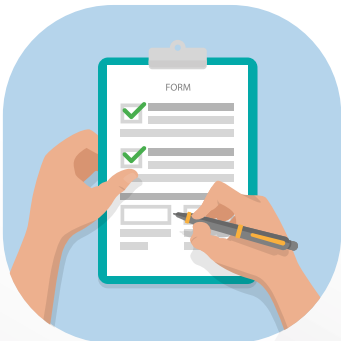
Tube size may vary between manufacturers; the lab will need 4 ml of serum and 4 ml of plasma. The kits with tubes are available for practitioners only.

**3.** Print the following information on the blood collection tube and CoC. Failure to include this information may result in a delay of sample processing:

1. Patient's medical record number.
2. Collection date.
3. Number of tubes.

**4.** All collection supplies should be used within the expiration date and stored according to the manufacturer's instructions:

1. Samples that require storage before shipment should be stored at -20 oC for a maximum of 5 days.
2. Prepare patients for blood draw; collect blood into the collection tube using your institution's recommended procedure for standard venipuncture.
3. Follow your institution's recommended procedure for storage while waiting for transportation.





# DOCUMENTATION AND SAMPLE SHIPMENT

1. Securely package patient blood sample(s) following the guidelines below, ensuring to double wrap when possible:
  1. Add water to the ice bag and cool it in the freezer before collecting the sample.
  2. Place the blood sample in a rigid plastic tube holder container.
  3. Attach the ice bag to the tube holder using a rubber band.
  4. Place the complete item as detailed above in a biohazard bag.
  5. Seal everything in a bubble-wrapped bag.
  6. And finally, place in FedEx biohazard Overpack.
2. Complete the CoC (above) and put it in the FedEx package.
3. Use the Return Shipping label if provided; otherwise, use your shipping label at the address below.
4. Verify the shipping label information and affix the label to the outside of the package:

HumanBiomics  
11550 IH 10  
Suite 105  
San Antonio TX, 78230
5. Write **"EXEMPT HUMAN SPECIMEN"** on the package in clear, bold print.
  1. Drop the package at the FedEx shipping facility or call FedEx directly to schedule a pickup at 1-800-463-3339.
  2. Packages should ship with an Ice Pack provided with the kit.
6. For any questions or concerns, please contact the lab at [support@envirobiomics.com](mailto:support@envirobiomics.com) or +210-570-2095.

TEST	COLLECTION TUBE	S & H	SAMPLE TYPE
TGF - Beta 1	ACD Acid Citric Dextrose	Frozen / -20°C	Plasma
MMP - 9	Gel separation tube	Frozen / -20°C	Serum
VEGF - A	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum
Leptin	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum
Osmolality	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum
Alpha MSH	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum
ADH	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum
C4a Fragment	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum
C3a Fragment	K2EDTA Lavander or Gel tube	Frozen / -20°C	Plasma or Serum

