

## Sample Collection and Shipping Instructions

*For Blood Plasma Sample for NPDX ASD Test*

Please ensure ALL supplies and equipment are available prior to collecting sample. Contact NeuroPointDX at 608-441-8187 or [customercare@neuropointdx.com](mailto:customercare@neuropointdx.com) with questions.

### Required Supplies and Equipment



- NPDX ASD Test Requisition Form
- Supplies for standard venipuncture
- Sodium (Na) heparin Vacutainer<sup>®</sup> tube (A 4, 6, 8, or 10 mL tube may be used)
- Small container of wet ice
- Sample transport tube or cryovial (Tube must be appropriate for shipment on dry ice)
- Centrifuge
- Plastic specimen bag
- 80°C freezer\* (If storing prior to shipment on dry ice)
- Dry Ice\*
- Insulated shipping box\*

*\* Pick up by a medical courier may be arranged in certain locations, if facility does not have access to appropriate -80° C freezer and / or dry ice. Please contact NeuroPointDX to inquire about this option.*

### Important Notes

1. The NPDX ASD Test has been evaluated in patients 18-48 months of age.
2. Patient MUST fast for at least 12 hours prior to blood draw, or test results will not be valid.
3. Sample MUST be kept cold so ensure protocol steps to place on wet ice and dry ice are followed.
4. Sample MUST be stored in -80°C freezer or placed immediately in dry ice for shipment.
5. Ship samples ONLY Monday through Thursday, unless otherwise instructed by NeuroPointDX.

## Overview of Process

Step 1: Collect Blood Sample			Step 2: Prepare Plasma			Step 3: Ship Sample
<p>Verify patient's name and DOB on the NPDX ASD Test Requisition Form.</p> <p><b>Verify patient fasted for 12+ hours</b> and check box on Requisition Form.</p>	<p>Obtain sodium heparin Vacutainer® tube.</p>  <p>Ex. 4, 6, 8 or 10 mL</p>	<p><b>Fill Vacutainer® tube at least 2/3 full.</b></p> <p>Invert tube to <b>mix.</b></p> <p>Place Vacutainer® tube in container of <b>wet ice.</b></p>	<p><b>Label transport tube</b> with Patient Name and DOB.</p>  <p>Ex. 5 mL screw-cap sample transport vial</p>	<p>Spin Vacutainer® tube at <b>1300 RCF for 10 minutes.</b></p> <p>Transfer <b>plasma layer to transport vial.</b></p>	<p>Place transport vial in a container of <b>wet ice.</b></p> <p>Place transport vial in a <b>-80°C freezer within 1 hour of collection</b> OR prepare sample for shipment.</p>	<p>Place cold / frozen sample in an insulated shipping box containing <b>dry ice.</b></p> <p>Ship to NeuroPointDX via <b>overnight delivery.</b></p>

### Step 1: Collect Blood Sample

***NOTE: Patient must fast for at least 12 hours prior to blood draw.***

- Obtain NPDX ASD Test Requisition Form from website (<http://www.neuropointdx.com/>).
- Clearly print (or verify information if previously filled out) on the NPDX ASD Test Requisition Form.
  - Patient's Full Name
  - Patient's Date of Birth (DOB)
  - Verify patient fasted for 12 hours and check that box in "Specimen" area of form.
- Prepare patient for blood draw and collect blood into sodium heparin Vacutainer® tube using your institution's recommended procedure for standard venipuncture.
- Fill tube a minimum of 2/3 full, regardless of collection tube size (i.e., 10 mL tube should contain >7 mL of blood).
- Mix blood by inverting and place tube into container of wet ice.

### Step 2: Prepare Plasma

- Label sample transport vial with Patient's Full Name AND Patient's Date of Birth** (must match entry on form).
- Centrifuge the resulting blood sample at 1300 RCF at room temperature for 10 minutes.
- Transfer plasma, without disturbing the cell layer, into a **sample transport vial** for storage and shipment.
- Place **sample transport vial on wet ice.**
- Place into storage at -80°C within one hour** of the blood draw OR prepare sample for shipment (**Step 3**).
- Complete remainder of NeuroPointDX ASD Test Requisition Form (see "**Specimen**" area of the form).
  - Enter **collection date** and **collection time.**

### Step 3: Ship Plasma Sample

- A. Place sample transport vial containing blood plasma into a plastic specimen transport bag (e.g., zip-top biohazard bag).
- B. Seal plastic specimen transport bag.
- C. Place a layer of **dry ice** into insulated shipping box.
- D. Place plastic specimen transport bag(s) containing blood plasma sample into shipping box.
- E. Cover the bag containing the blood plasma sample with **dry ice**.
- F. Place completed NeuroPointDX ASD Test Requisition Form(s) **inside shipping box**.
- G. Use method of shipping as previously coordinated with NeuroPointDX OR contact NeuroPointDX to arrange sample shipment using the contact information below.
- H. Sample should be shipped via **overnight delivery to NeuroPointDX**.

***NOTE: Ship samples ONLY Monday through Thursday, unless instructed to do otherwise by NeuroPointDX.***

## Shipping Address

NeuroPointDX  
c/o Stemina Biomarker Discovery  
504 South Rosa Road, Suite 150  
Madison, WI 53719  
Phone: 608-441-8187  
Fax: 608-646-7739  
Email: [customercare@neuropointdx.com](mailto:customercare@neuropointdx.com)