

## nRich<sup>DX</sup> Sample Processing Data Sheet for Revolution Sample Prep Extraction-as-a-Service

The nRich<sup>DX</sup> Revolution System and Revolution kits employ proprietary technology to extract circulating cell-free DNA (cfDNA) or cell-free Total Nucleic Acid (cfTNA) from 1mL to 50 mL of plasma or urine samples.

**For Research Use Only. Not for use in diagnostic procedures.**

Samples can be either fresh or frozen, although the samples that have been previously frozen and thawed are not to be frozen again. Samples must have cell-free status.

**In order to ensure the optimal (1) reduction of gDNA and (2) recovery of cfDNA or cfTNA, please see the table below for required sample preparation protocol.**

Sample Type	Procedures
<b>Plasma</b>	<ol style="list-style-type: none"> <li>1. Centrifuge blood samples at 2,000 x g for 10 minutes at 2°C to 10°C.</li> <li>2. Transfer the plasma to a new centrifuge tube.</li> <li>3. Centrifuge the plasma samples at 16,000 x g for 10 minutes at 2°C to 10°C.</li> <li>4. Transfer the cell-free supernatants into fresh tubes.</li> </ol>
<b>Urine</b>	<ol style="list-style-type: none"> <li>1. Centrifuge the urine samples at 16,000 x g for 10 minutes at 2°C to 10°C.</li> <li>2. Transfer the cell-free supernatants into fresh tubes.</li> </ol>

**IMPORTANT: Please do not send samples for extraction if they have not been prepared in accordance with the above process.**

*Please ship samples to:*

nRichDX Inc.  
15339 Barranca Pkwy  
Irvine, CA 92618  
Attn: Nafiseh Jafari, PhD

If you have any questions concerning the above preparation process or related technical information, please contact us at [ExtractionService@nRichDX.com](mailto:ExtractionService@nRichDX.com) or (269) 290-4665.