Using a 2D Barcode Scanner with TSUs

The 2D Barcode Scanner is a useful tool for managing and organizing samples collected with Tissue Sampling Units (TSUs). The 2D Barcode Scanner can scan several types of barcodes, including Data Matrix barcodes, which are the type you find on the bottom of the TSUs.

How to Operate the 2D Barcode Scanner

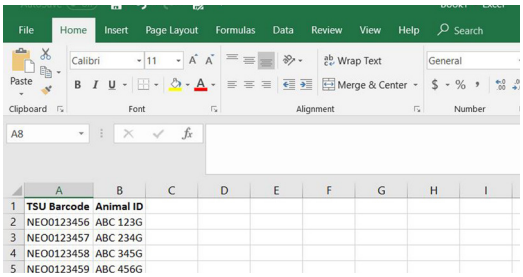
1. Plug the end of the cord into the barcode scanner until it clicks into place.
2. Plug the USB end of the cord into any device that has a USB port.
3. The barcode scanner will beep and the light on top will illuminate. The barcode scanner is now ready to use.
4. To scan the barcode on the TSU, hold the TSU at a 30–45° angle. While holding the trigger button down, aim the barcode scanner so that the red beam (the aiming light) shines directly on the TSU barcode. Then, move the red beam above the TSU barcode to scan. The scanner will beep when the barcode is successfully scanned.

Scanning the TSU barcodes works best when the TSU is at an angle.

How to Use a 2D Barcode Scanner to Help Organize Sample Collection

The goal with using a 2D Barcode Scanner is to match each TSU barcode with the appropriate animal ID on an electronic file for the laboratory.

1. Open a Microsoft Excel file or your preferred animal management software.
2. Use the first two columns; one for the TSU barcode and one for the animal ID. Click on the cell in which you would like the TSU barcode to appear, and then scan the TSU barcode. Verify that the TSU barcode scanned matches the label on the TSU.



   a. Save this file for your records.
   b. Email this file to your breed association office, or if ordering directly with NEOGEN Canada, **email: NEOGENCanada@NEOGEN.com**
3. In your preferred animal management software program, click on the field in which you want the TSU barcode to appear and scan the TSU barcode. Verify that the TSU barcode scanned matches the label on the TSU.

Troubleshooting the 2D Barcode Scanner

Refer to the User Guide that comes with the 2D Barcode Scanner for the product diagram and specifications.

Note: The red beam from the 2D Barcode Scanner is used to aim the barcode scanner; the red beam does not actually scan the TSU barcode, which is why it is important to move the red beam above the TSU barcode during scanning.

The User Guide provides the opportunity to modify the default settings for several features of the 2D Barcode Scanner including volume, keyboard language, etc. It is important to ensure that the Data Matrix barcode scanning functionality remains enabled. If the 2D Barcode Scanner stops working, scan the Restore Default Settings barcode.

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