

## Product Sheet

# UniCore Punch

### Description

The UniCore punches and kits (cat. no. WB100028, WB100029, WB100039, WB100040, WB100073, WB100074, WB100076, WB100078, or WB100082) are designed to cut, retrieve, store, and preferentially eject cored samples from source material. Tips are available in diameters of 1.00, 1.20, 2.00, 3.00, and 6.00 mm. Cutting Mat(s) are also available in small and large formats (cat. nos. WB100088 and WB100020) allowing for clean sample cuts that extend the life of the UniCore Punch.

### Shipping and Storage

UniCore Punch is shipped at room temperature (15–25°C). Upon receipt, store the product in a cool, dry, clean environment.

### Symbols



Catalog number



Lot number



Legal manufacturer (Product of United Kingdom)

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## Quality Control

In accordance with QIAGEN's ISO-certified Quality Management System, each lot of the UniCore Punch Kits is tested against predetermined specifications to ensure consistent product quality.

## Safety Information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available online in convenient and compact PDF format at [www.qiagen.com/safety](http://www.qiagen.com/safety), where you can find, view, and print the SDS for each QIAGEN kit and kit component.

## Materials required

- UniCore Punch Kit (4 punchers and 2 cutting mats) 1.20 mm, 2.00 mm, 3.00 mm, or 6.00 mm (cat. nos. WB100028, WB100029, WB100039, WB100040)
- Optional: UniCore Punchers (25 each) 1.00 mm, 1.20 mm, 2.00 mm, 3.00 mm, or 6.00 mm (cat. nos. WB100073, WB100074, WB100076, WB100078, WB100082)
- Optional: Separate Cutting Mat (cat. no. WB100020, WB100088)

## Procedure

### Processing samples with the UniCore Punch

1. Position the source material on the cutting mat and remove the cover cap from the UniCore Punch tip through gentle twisting. Firmly grip the UniCore Punch (as shown in Figure 1) or in other comfortable position.

**Note:** The tip is best positioned at a right angle above the target



**Figure 1. Gripping position with UniCore Punch**

2. Use the free hand to hold the mat and material steady. Push the tip downwards into the source material with a semi-circular rotation until the tip passes through the source material and contacts the Cutting Mat.

**Important note:** Do not depress the plunger when coring sample.

3. Lift the UniCore Punch away from the source material with the cored sample stored in the cutting tip.

**Note:** After coring, the sample is temporarily stored in the hollow cutting tip ready for preferred ejection. The device can be rested on its side without loss of sample.

4. To eject the sample, position the tip over the target and depress the plunger (as shown in Figure 2).



**Figure 2. Ejecting the cored sample into the target tube**

## Cleaning procedure

The following cleaning procedure should be followed after daily operation:

1. Put on laboratory-appropriate PPE.
2. Take a stock of 100% ethanol and pour an adequate amount into a clean container.
3. Dip the UniCore Punch tip into the ethanol solution and swirl for 3–5 s.
4. Remove from the liquid and let air-dry for 3–5 s.
5. Repeat steps 3 and 4.
6. Tap the end of the tip on a clean tissue to remove any excess ethanol.
7. Wipe the UniCore Punch tip with a clean dry tissue.
8. Let the components dry thoroughly for at least 10 min before next use.
9. Store the UniCore Punch according to manufacturer's recommended protocol.

## Ordering Information

<b>Product</b>	<b>Contents</b>	<b>Cat. no.</b>
UniCore Punch Kit 1.20 mm	4 pieces (including 2 cutting mats)	WB100028
UniCore Punch Kit 2.00 mm	4 pieces (including 2 cutting mats)	WB100029
UniCore Punch Kit 3.00 mm	4 pieces (including 2 cutting mats)	WB100039
UniCore Punch Kit 6.00 mm	4 pieces (including 2 cutting mats)	WB100040
UniCore Punches 1.00 mm	25 pieces	WB100073
UniCore Punches 1.20 mm	25 pieces	WB100074
UniCore Punches 2.00 mm	25 pieces	WB100076
UniCore Punches 3.00 mm	25 pieces	WB100078
UniCore Punches 6.00 mm	25 pieces	WB100082

<b>Product</b>	<b>Contents</b>	<b>Cat. no.</b>
Cutting Mat (2.5" x 3.0")	For clean sample cuts from FTA/FTA Elute Cards	WB100088
Cutting Mat (6" x 8")	For clean sample cuts from FTA/FTA Elute Cards	WB100020

UniCore Punch Kits are intended for molecular biology applications. These product are not intended for the diagnosis, prevention, or treatment of a disease.

All due care and attention should be exercised in the handling of the products. We recommend all users of QIAGEN® products to adhere to the NIH guidelines that have been developed for recombinant DNA experiments, or to other applicable guidelines.

## Document Revision History

Date	Changes
06/2021	Initial release

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