

# EZ1&2™ DNA Tissue Kit

For use with EZ1 instrument

For usage of EZ1&2 DNA Tissue Kit with EZ2 instruments, please refer to the handbook ([www.qiagen.com/HB-2974](http://www.qiagen.com/HB-2974)) and quick-start protocol ([www.qiagen.com/HB-2973](http://www.qiagen.com/HB-2973)).

The EZ1&2 DNA Tissue Kit (cat. no. 953034) can be stored at room temperature (15–25°C) until the indicated expiration date. Do not freeze the reagent cartridges. To prolong the lifetime of Proteinase K, storage at 2–8°C is recommended.

## Further information

- *EZ1&2 DNA Tissue Handbook*: [www.qiagen.com/HB-0196](http://www.qiagen.com/HB-0196)
- Safety Data Sheets: [www.qiagen.com/safety](http://www.qiagen.com/safety)
- Technical assistance: [support.qiagen.com](http://support.qiagen.com)

## Notes before starting

- The buffer in well 1 of the reagent cartridge may form a precipitate upon storage. If necessary, redissolve by warming at 37°C and then place at room temperature.
  - EZ1® instruments should only be switched on after an EZ1 Card is completely inserted; otherwise, essential instrument data could be lost. EZ1 Cards should not be exchanged while the instrument is switched on.
  - Before loading reagent cartridges into the EZ1 instrument, invert the cartridges 4 times to mix the magnetic particles then tap to deposit the reagents at the well bottoms. Check that the magnetic particles are completely resuspended.
1. Prepare samples according to the appropriate procedure in the *EZ1&2 DNA Tissue Handbook*. The amount of starting material for different sample types is shown in Table 1.
  2. Carry out DNA purification using an EZ1 instrument with the appropriate EZ1 Card, according to the *EZ1&2 DNA Tissue Handbook*. The EZ1 Card required depends on the sample type and the EZ1 instrument used (Table 1).

**Table 1. Amount of starting material and required EZ1 Card for different sample types**

Sample type	Amount of starting material	EZ1 Card required*
Tissue	10–40 mg (approx. 200 µl volume after Proteinase K digestion)	EZ1 Advanced XL DNA Tissue Card, EZ1 Advanced DNA Tissue Card, or EZ1 DNA Tissue Card
Buccal cells	1 swab or brush (approx. 200 µl volume after Proteinase K digestion)	EZ1 Advanced XL DNA Buccal Swab Card, EZ1 Advanced DNA Buccal Swab Card, or EZ1 DNA Buccal Swab Card
Paraffin section	One to five 10 µm-thick sections (approx. 200 µl volume after Proteinase K digestion)	EZ1 Advanced XL DNA Paraffin Section Card, EZ1 Advanced DNA Paraffin Section Card, or EZ1 DNA Paraffin Section Card
Dried blood	Four 3 mm diameter discs	EZ1 Advanced XL DNA Dried Blood Card, EZ1 Advanced DNA Dried Blood Card, or EZ1 DNA Dried Blood Card
Cultured cells	2 x 10 <sup>6</sup> cells (resuspended in 200 µl Buffer G2)	EZ1 Advanced XL DNA Tissue Card, EZ1 Advanced DNA Tissue Card, or EZ1 DNA Tissue Card
Bacteria in primary samples	200 µl	EZ1 Advanced XL DNA Bacteria Card, EZ1 Advanced DNA Bacteria Card, or EZ1 DNA Bacteria Card
Bacterial culture samples	200 µl culture or resuspended colonies, fresh, or frozen	EZ1 Advanced XL DNA Bacteria Card, EZ1 Advanced DNA Bacteria Card, or EZ1 DNA Bacteria Card

\* EZ1 Advanced XL Cards are only for use with the EZ1 Advanced XL; EZ1 Advanced Cards are only for use with the EZ1 Advanced; EZ1 Cards are only for use with the BioRobot® EZ1.



Scan QR code for handbook.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual.

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