

# Buffer AL

## For DNA isolation using QIAamp® and DNeasy® Kits

Buffer AL\* is used during DNA isolation using QIAamp and DNeasy protocols. Note that Buffer AL may form a precipitate during storage. If a precipitate has formed, incubate Buffer AL at 55°C before starting DNA isolation until the precipitate has fully dissolved. Buffer AL is stable for 1 year when stored closed at room temperature (15–25°C).

Buffer AL is supplied ready for use in all QIAamp Kits and DNeasy Tissue Kits, with the exception of the DNeasy 96 Tissue Kit. Refer to the relevant handbook for instructions on the use of Buffer AL.

## Use of Buffer AL with the DNeasy 96 Tissue Kit

When using the DNeasy 96 Blood & Tissue Kit (cat. nos. 69581 and 69582), ethanol must be added to Buffer AL to make additional Buffer AL/E:

**1. Determine how much Buffer AL/E you require.**

Buffer AL/E is stable for 3 months when stored closed at room temperature (15–25°C).

**2. Transfer the required volume of Buffer AL to a suitably sized bottle (see table below). Clearly mark the bottle as containing "Buffer AL/E".**

Ensure that the new bottle is clean and that it can close tightly.

**3. Add the required volume of ethanol (96–100%; see table below) to the bottle and mix thoroughly.**

Table 1. Preparation of Buffer AL/E

Volume of Buffer AL (ml)	Volume of 96–100% ethanol (ml)	Bottle size (ml)
33	35	100
108	114	250
162	171	500
216	228	500

\* Contains chaotropic salt, which is an irritant. Take appropriate laboratory safety measures, and wear gloves when handling. Not compatible with disinfecting agents that contain bleach. Please also note that safety data sheets (SDS) for any QIAGEN® product can be downloaded from [www.qiagen.com/safety](http://www.qiagen.com/safety).



# Ordering Information

Product	Contents	Cat. no.
Buffer AL (264 ml)	8 x 33 ml Buffer AL	19075

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at [www.qiagen.com](http://www.qiagen.com) or can be requested from QIAGEN Technical Services or your local distributor.

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