

## Product Sheet

# RNeasy<sup>®</sup> DSP MinElute Cleanup Kit

## Contents

RNeasy MinElute Cleanup Kit	(50)
Catalog no.	78244
Number of preps	50
RNeasy MinElute Spin Columns (each in a 2 mL Collection Tube)	50
Collection Tubes (1.5 mL)	50
Collection Tubes (2 mL)	100
Buffer RLT*§	45 mL
Buffer RPE† (concentrate)	11 mL
RNase-Free Water	10 mL

\* Not compatible with disinfecting reagents containing bleach. Contains guanidine salt, which is an irritant. Take appropriate safety measures and wear gloves when handling.

§ Buffer RLT may form a precipitate upon storage. If necessary, redissolve by warming up to 35°C until precipitates have dissolved, and then place at room temperature.

† Wash Buffer RPE is supplied as a concentrate. Before using for the first time, add 4 volumes (44 mL) of ethanol (96–100%; molecular biology grade or higher) as indicated on the bottle, to obtain a working solution.

## Version 1

IVD

CE

REF

78244



QIAGEN GmbH, QIAGEN Strasse 1, 40724 Hilden

R1 MAT

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## Materials Required but Not Provided

- Ethanol (96–100%; molecular biology grade or higher) \*
- Laboratory centrifuge with a swinging bucket rotor (capable of 8000 × *g*; all centrifugation steps are carried out at 20–25°C)
- Disposable gloves

Ensure that instruments have been checked and calibrated according to the manufacturer's recommendations.

## Shipping and Storage

The RNeasy DSP MinElute Cleanup Kit is shipped at ambient condition and must be stored dry at room temperature (15–25°C).

Store RNeasy MinElute spin columns immediately upon receipt at 2–8°C. Store the remaining components of the RNeasy DSP MinElute Cleanup Kit dry at room temperature (15–25°C).

When stored under the specified storage conditions, the RNeasy DSP MinElute Cleanup Kit is stable until the stated expiration date on the label, but no longer than the expiration date on the label.

Once opened, reagents can be stored in their original packaging at room temperature (15–25°C) for up to 9 months.

Do not use if stored outside the specifications, if the packaging has been damaged, or if other signs of deterioration or malfunction are visible.

\* Do not use denatured alcohol, which contains other substances, such as methanol or methylethylketone

## Symbols

<b>CE</b>	This product fulfills the requirements of the European Regulation (EU) 2017/746 for in vitro diagnostic medical devices (IVDR).
<b>IVD</b>	In vitro diagnostic medical device
<b>REF</b>	Catalog number
<b>MAT</b>	Material number
<b>LOT</b>	Lot number
<b>GTIN</b>	Global Trade Item Number
<b>UDI</b>	Unique Device Identifier
<b>CONT</b>	Contains
<b>COMP</b>	Component
<b>CONC</b>	Concentrate
<b>NUM</b>	Number
<b>LYS</b>	Lysis
<b>BUF</b>	Buffer
<b>WASH</b>	Wash
<b>EtOH</b>	Ethanol
<b>ADD</b>	To be added
<b>ELU</b>	Elution
<b>TUBE</b>	Tube
<b>COL</b>	Spin Column
<b>GITC</b>	Guanidinium isothiocyanate



Ethanol was added?



Upon arrival

**Rn**

R is for revision of the Product Sheet and n is the revision number

**Vn**

V is for version of the Product Sheet and n is the version number



To be used by



Temperature limitations



Legal manufacturer



Consult instructions for use



<N>

Contains reagents sufficient for <N> reactions

## Intended Use

### **For In Vitro Diagnostic Use**

The RNeasy DSP MinElute Cleanup Kit uses silica-membrane technology (RNeasy technology) for manual cleanup and concentration of total RNA for use with in-vitro diagnostic QIAGEN products where the RNeasy DSP MinElute Cleanup Kit is listed as an accessory Kit.

The product is intended to be used by professional users, such as technicians and physicians, who are trained in molecular biological techniques.

The RNeasy DSP MinElute Cleanup Kit is intended for in vitro diagnostic use.

## Description

The RNeasy DSP MinElute Cleanup Kit provides a manual procedure for cleanup and concentration of RNA using RNeasy MinElute spin columns based on silica-membrane technology.


Guanidine isothiocyanate-containing lysis buffer and ethanol are added to the sample to create conditions that promote selective binding of RNA to the RNeasy MinElute membrane. The sample is then applied to the RNeasy MinElute spin column. RNA binds to the silica-membrane, contaminants are efficiently washed away, and pure concentrated RNA is eluted in water.

Please consult the respective instructions for use of the respective QIAGEN downstream application for detailed instructions on handling of this product within the corresponding workflow.

## Safety Information

Please be aware that you may be required to consult your local regulations for reporting serious incidents that have occurred in relation to the device to the manufacturer and the regulatory authority in which the user and/or the patient is established. 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.

Specimens and samples are potentially infectious. Discard sample and assay waste according to your local safety procedures.

<p><b>CAUTION</b></p> 	<p>DO NOT add bleach or acidic solutions directly to the sample-preparation waste.</p>
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Buffers RLT contains guanidine isothiocyanate, which can form highly reactive compounds when combined with bleach. If liquid containing these buffers is spilt, clean with suitable laboratory detergent and water. If the spilt liquid contains potentially infectious agents, clean the affected area first with laboratory detergent and water, and then with 1% (v/v) sodium hypochlorite.

The following hazard and precautionary statements apply to components of RNeasy DSP MinElute Cleanup Kits.

## Buffer RLТ



Contains: guanidine thiocyanate. Danger! Harmful if swallowed. May be harmful in contact with skin or if inhaled. Causes serious eye damage. Harmful to aquatic life with long lasting effects. Contact with acids liberates very toxic gas. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Immediately call a POISON CENTER or doctor/ physician. Dispose of contents/ container to an approved waste disposal plant.

## Emergency information

CHEMTREC

USA & Canada: 1-800-424-9300

Outside USA & Canada: +1 703-527-3887

## Disposal

Dispose of as hazardous waste in compliance with local and national regulations. This also applies to unused products.

Follow recommendations in the Safety Data Sheet (SDS).

**CAUTION**



Used product and product waste may contain infectious material.



## Quality Control

In accordance with QIAGEN's ISO-certified Quality Management System, each lot of the RNeasy DSP MinElute Cleanup Kit is tested against predetermined specifications to ensure consistent product quality.

## Limitations

This product may only be used in conjunction with QIAGEN kits referring to its use in the respective instructions for use (handbook). It is the user's responsibility to validate system performance for any procedures used in their laboratory according to local requirements, laws, and regulations.

## Active Ingredients

Reagent	Name	Active Ingredient	Concentration (% w/w)
Buffer RLT	Lysis Buffer	Guanidinium thiocyanate	≥30 – <50
RPE (concentrate)	Wash Buffer	None	–
RNFW	RNase-free water	None	–

## Procedure

The RNeasy DSP MinElute Cleanup Kit should be used following the instructions given in the Instruction for Use (IFU) of the QIAGEN products for which the RNeasy DSP MinElute Cleanup Kit is listed as an accessory kit.

**Note:** Performance characteristics for the RNeasy DSP MinElute Cleanup Kit have only been established in conjunction with the associated QIAGEN products. For further information regarding performance characteristics of the RNeasy DSP MinElute Cleanup Kit, refer to the IFU of the associated QIAGEN products.

## Ordering Information

Product	Contents	Cat. no.
RNeasy DSP MinElute Cleanup Kit	For 50 samples	78244

## Document Revision History

Date	Changes
07/2023	Initial release

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