

## General Information

<b>Application</b>	DNA
<b>Kit</b>	QIAamp® DNA Mini Kit (50) plus QIAamp DNA Mini Accessory Set A, cat. no. 1048145 or QIAamp DNA Mini Kit (250) plus QIAamp DNA Mini Accessory Set B, cat. no. 1048146
<b>Sample material</b>	PAXgene® Saliva
<b>Short protocol name</b>	PAXgene Saliva Spin
<b>Version</b>	1
<b>Full protocol name</b>	PAXgene Saliva spin protocol V1 for extraction of gDNA from 200 µl PAXgene Saliva Collector samples
<b>Editable parameters</b>	<ol style="list-style-type: none"> <li>1. Elution volume: 25–100 µl in increments of 5 µl; default set to 50 µl</li> <li>2. Elution volume: 25–100 µl in increments of 5 µl; default set to 50 µl</li> </ol>
<b>Required QIAcube software versions</b>	Firmware version FIW-50-001-J_FW_MB.hex and PLC program version FIW-50-002-G-PLC_MB.prs or higher; available at the QIAcube Web Portal

## Shaker

<b>Material</b>	200 µl PAXgene Saliva
<b>Vessel</b>	2 ml screw-cap tube without skirted base* (use in combination with Shaker Rack Plugs)
<b>Adapter</b>	Shaker adapter for 2 ml screw cap tubes (marked with "S2")

\* Sample Tubes CB, 2 ml (cat. no. 990382; see [www.qiagen.com/MyQIAcube](http://www.qiagen.com/MyQIAcube)).

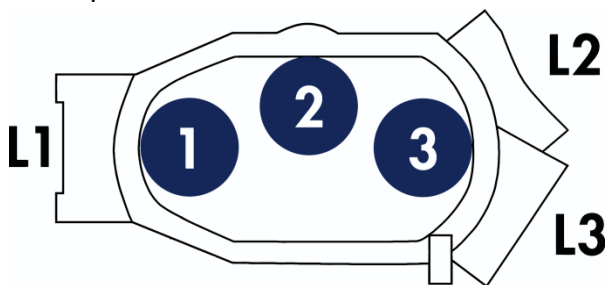
## Disposable Tips

Disposable Filter-Tips, 1000 µl
Disposable Filter-Tips, 200 µl

## Reagent Bottle Rack

Rack labeling strip	QIAamp DNA
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## Rotor Adaptor



Position	Reagent
1	–
2	Buffer AL
3	96–100% ethanol
4	Buffer AW1
5	Buffer AW2
6	Buffer AE

Position	Labware	Lid position
1	QIAamp Mini spin column	L1
2	–	–
3	1.5 ml collection tube*	L3

\* Sarstedt® Micro tube 1.5 ml (cat. no. 72.690; see [www.sarstedt.com](http://www.sarstedt.com)).

### Microcentrifuge Tube Slots

	Position		
	A	B	C
<b>Content</b>	Proteinase K	–	–
<b>Vessel</b>	1.5 ml microcentrifuge tube*	–	–

\* Sarstedt, Micro tube 1.5 ml, Safety Cap (see [www.sarstedt.com](http://www.sarstedt.com)).

Number of samples	Volume of reagent required for the indicated number of samples		
	A	B	C
2	68	–	–
3	90	–	–
4	111	–	–
5	133	–	–
6	155	–	–
7	176	–	–
8	198	–	–
9	219	–	–
10	241	–	–
12	284	–	–

### Comments

This protocol can be used for saliva samples stabilized with PAXgene Saliva Collectors (25) (cat. no. 769040).

Mix the stabilized saliva sample thoroughly to yield a homogenous solution prior to taking 200 µl aliquot.

For optimal yield, set elution parameters to 2 x 50 µl.

Use a pipet to transfer the required volume of Buffer AL to the reagent bottle. Avoid generating large air bubbles or foam as this may lead to a liquid-detection error during the load check.

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