

RNA extraction methods using oral fluid samples

Top three RNA extraction recommendations using oral fluid samples

QIAGEN offers a range of nucleic acid extraction kits for various animal samples. In order to provide guidance on which kits are most suitable for extraction RNA, from oral fluids, we have composed this short list of the top 3 isolation kits we would recommend.

Two important points must be considered when using oral fluids as a sample source:

- **Sample handling:** Following oral fluid sample procurement, samples must be maintained cold (2–8°C) during transport to the laboratory. Samples should be processed within 3 days, or for long-term storage stored at –15 to –30°C.
- **Pretreatment:** Recommended (especially for automation): Centrifuge the oral fluid sample at 9000 x g for 10 min. Transfer the supernatant into a new microcentrifuge tube.

Recommendation 1: QIAamp® Viral RNA Mini Kit

Sample volume 140 µl

Elution in 50 µl Buffer AVE

Isolation procedure	Kit/Handbook	Protocol title
Manual	QIAamp® Viral RNA Mini Kit (page 22)	Protocol: Purification of Viral RNA (Spin Protocol)
Automated	QIAcube®	ProtocolSheet_Virus_QIAampViralRNA_BodyFluid_Standard_V2.

Recommendation 2: QIAamp *cador*® Pathogen Mini Kit

Sample volume 200 µl

Elution in 50 µl Buffer AVE

Isolation procedure	Kit/Handbook	Protocol title
Manual	QIAamp <i>cador</i> ® Pathogen Mini Kit (page 20)	Purification of Pathogen Nucleic Acids from Fluid Samples
Automated	QIAcube	ProtocolSheet_Virus_QIAampcadorPathogenMini_Fluid_Standard_V2.

Recommendation 3: BioSprint® 96 One-For-All Vet Kit

Sample volume 100 µl

Elution in 75 µl Buffer AVE

Instrument	Kit/Handbook	Protocol title
BioSprint 96 workstation	BioSprint 96 One-For-All Vet Kit	BS96 Vet 100

Ordering Information

Product	Contents	Cat. no.
QIAamp Viral RNA Mini Kit (50)*	For 50 RNA preps: 50 QIAamp Mini Spin Columns, Carrier RNA, Collection Tubes (2 ml), RNase-free buffers	52904
QIAamp <i>cador</i> Pathogen Mini Kit (50)*	For 50 RNA/DNA preps: 50 QIAamp Mini Spin Columns, Carrier RNA, Proteinase K, Collection Tubes (2 ml), RNase-free buffers	54104
BioSprint 96 One-For-All Vet Kit	For 384 preps: Large 96-Rod Covers, 96-Well Microplates MP, S-Blocks, MagAttract® Suspension G, buffers and reagents	947057

* Other kit sizes are available, see www.qiagen.com.

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 or can be requested from QIAGEN Technical Services or your local distributor.

Trademarks: QIAGEN®, QIAamp®, QIAcube®, *cador*®, BioSprint®, MagAttract® (QIAGEN Group)
1080844 01/2014 © 2014 QIAGEN, all rights reserved.

www.qiagen.com
Australia ■ 1-800-243-800
Austria ■ 0800-281011
Belgium ■ 0800-79612
Brazil ■ 0800-557779
Canada ■ 800-572-9613
China ■ 800-988-0325

Denmark ■ 80-885945
Finland ■ 0800-914416
France ■ 01-60-920-930
Germany ■ 02103-29-12000
Hong Kong ■ 800 933 965
India ■ 1-800-102-4114
Ireland ■ 1800 555 049

Italy ■ 800-787980
Japan ■ 03-6890-7300
Korea (South) ■ 080-000-7145
Luxembourg ■ 8002 2076
Mexico ■ 01-800-7742-436
The Netherlands ■ 0800-0229592
Norway ■ 800-18859

Singapore ■ 1800-742-4368
Spain ■ 91-630-7050
Sweden ■ 020-790282
Switzerland ■ 055-254-22-11
Taiwan ■ 0800-665-957
UK ■ 0808-2343665
USA ■ 800-426-8157

