

## **ISOLATE II Biofluids RNA Kit**

#### **Bioline**

#### **Abstract**

The ISOLATE II Biofluids RNA Kit is specially developed for the rapid phenol-free isolation of high quality total RNA from biofluids and viruses. Total RNA can be purified from blood, plasma, serum and other types of biofluids such as saliva, urine, semen and cerebrospinal fluid (CSF). Viral RNA can be isolated from the same sample sources, as well as cultured cells and tissue. The kit isolates all sizes of RNA from large mRNA, viral RNA and ribosomal RNA (rRNA) down to small RNAs such as microRNA (miRNA) and short interfering RNA (siRNA).

Citation: Bioline ISOLATE II Biofluids RNA Kit. protocols.io

dx.doi.org/10.17504/protocols.io.f5kbq4w

Published: 12 Dec 2016

#### Collection

**PROTOCOLS** 

1. Lysate Preparation from Biofluids/Viruses

**CONTACT: Steve Hawkins** 

2. Lysate Preparation from Biofluids/Viruses Collected with Nasal or Throat Swabs

**CONTACT: Steve Hawkins** 

3. Lysate Preparation from Viruses in Cultured Cells Growing in a Monolayer

**CONTACT: Steve Hawkins** 

4. Lysate Preparation from Viruses in Cultured Cells Growing in Suspension and Lifted Cells

**CONTACT:** Steve Hawkins

5. Lysate Preparation from Viruses in Suspension

**CONTACT: Steve Hawkins** 

### **6. Lysate Preparation from Viruses in Mammalian Tissue**

**CONTACT: Steve Hawkins** 

# 7. <u>Genomic DNA removal and total RNA purification from all types of lysate (ISOLATE II Biofluids RNA Kit)</u>

**CONTACT: Steve Hawkins** 

8. Total RNA Purification from Plasma or Serum (ISOLATE II Biofluids RNA Kit)

**CONTACT: Steve Hawkins** 

9. On-Column DNase I Treatment for ISOLATE II Biofluids RNA Kit

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10. DNase I Treatment of Purified RNA in Solution for ISOLATE II Biofluids RNA Kit

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