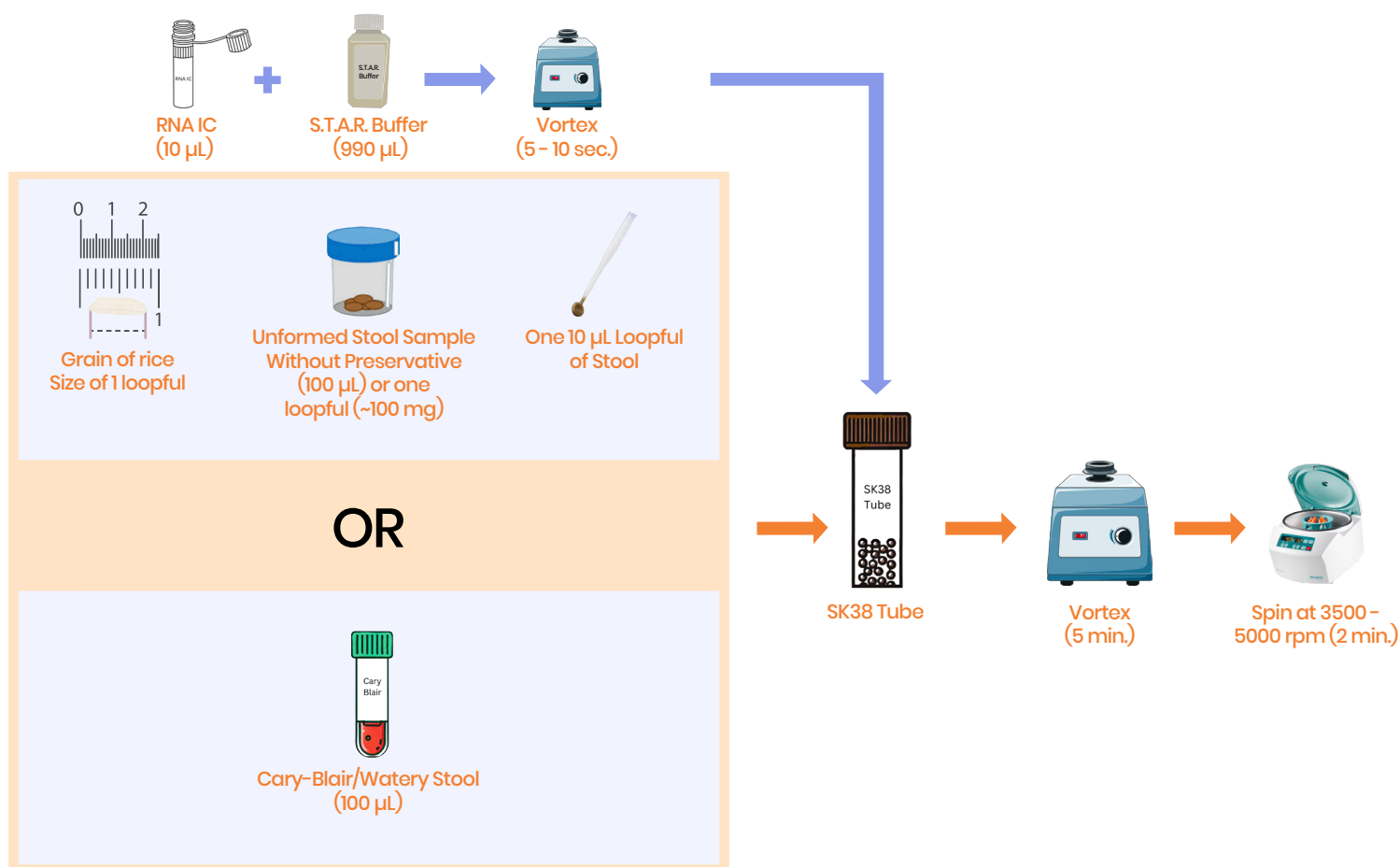


BioCode® GPP

Tips for Successful Sample Prep and Extraction With easyMAG®

Stool Amount:

Mix RNA IC and S.T.A.R. Buffer at a 1/100 ratio (v/v) to prepare 1 mL solution for each specimen then vortex for 5-10 seconds. **Add 100 µL Cary-Blair** or watery stool or one loopful (~100 mg) of formed stool to the SK38 tubes. Use 10 µL-Loop to pick up a loop of formed stool to add to SK38 tube. Do not add more stool than instructed. Doing so may lead to “invalid results”.



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Extraction:

Transfer 200 µL of lysate from the SK38 tube into an easyMAG® processing cartridge.

easyMAG®

Perform Protocol:

Specific A.1.0.2 for easyMAG®

Volume: 0.200 mL

Eluate: 70 µL

Sample Type: Primary, Matrix: Feces (stool)

Note

- Start 10 minute on-board incubation.
- When prompted add magnetic silica.
- Mix 550 µL nuclease free water and 550 µL magnetic silica in a 1.5 mL tube per easyMAG® cartridge.
- Mix well and dispense 125 µL into each well of an 8-well ELISA strip plate for each cartridge.
- Add 100 µL to each cartridge well and mix thoroughly.

Nucleic Acid Storage Conditions:

Transfer sample extracts from the cartridge into PCR grade container.

2–8°C refrigerator



If testing **within** 24 hours.

–80°C or below



If testing **cannot** be completed within 24 hours of extraction.

NOTE

- Store extracted nucleic acids at –80°C or below for up to 90 days.
- Store leftover pretreated samples (in SK38 tubes) at –80°C or below for up to 90 days.

Repeat/Reflex Extraction:



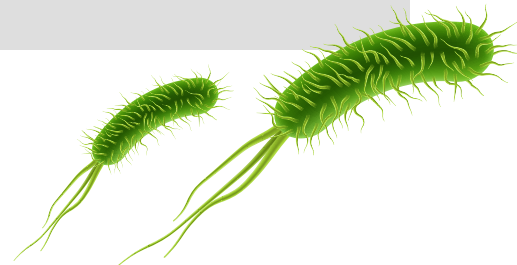
- Transfer **50 µL** from the SK38 tube and 150 µL S.T.A.R. buffer into a easyMAG® cartridge and load onto the easyMAG®.
- **Perform Protocol:** Specific A.1.0.2, Volume: 0.200 mL, Eluate: 70.0 µL, Sample Type: Primary, Matrix: Feces (stool).

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