





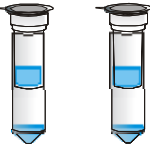

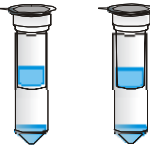



innuPREP DNA / RNA Mini Kit

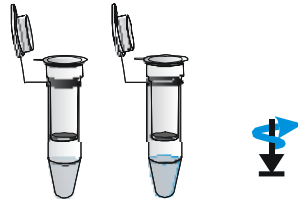
Protocol 2: DNA and RNA extraction from eucaryotic cells

Recommended steps before starting

- Prepare Washing Solution HS and Washing Solution LS according to the instruction

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| 1. Starting material | <ul style="list-style-type: none"> ▪ Cells | <ul style="list-style-type: none"> ▪ Max.: 5×10^6 |
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|-------------------|---|---|
| 2. Lysis of cells |   | <ul style="list-style-type: none"> ▪ Add 400 µl Lysis Solution RL to cell pellet ▪ Incubation: 2 min @ RT ▪ Resuspend: pipetting up/down ▪ Incubation: 3 min @ RT ▪ Centrifuge: max speed, 1 min |
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|--|---|---|
| 3. Binding of gDNA
New Receiver Tubes |   | <ul style="list-style-type: none"> ▪ Spin Filter D to Receiver Tube ▪ Add supernatant to Spin Filter D ▪ 10,000 x g (~12,000 rpm): 2 min ▪ Spin Filter D to Receiver Tube ▪ Don't discard the filtrate! |
|--|---|---|
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- | | | |
|---|---|--|
| 4. Binding of RNA
New Receiver Tubes |   | <ul style="list-style-type: none"> ▪ Add equal volume 70 % ethanol (approx. 400 µl) to filtrate ▪ Spin Filter R to Receiver Tube ▪ Add filtrate to Spin Filter R ▪ 10,000 x g (~12,000 rpm): 2 min ▪ Spin Filter R to Receiver Tube |
|---|---|--|
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|---|---|--|
| 5. Washing of Spin Filter D and R
Re-use Receiver Tube |   | <ul style="list-style-type: none"> ▪ Add 500 µl Washing Solution HS ▪ 10,000 x g (~12,000 rpm): 1 min ▪ Add 700 µl Washing Solution LS ▪ 10,000 x g (~12,000 rpm): 1 min |
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| 6. Remove Ethanol of Spin Filter D and R
Re-use Receiver Tube |   | <ul style="list-style-type: none"> ▪ Discard filtrate ▪ Spin Filter D to Receiver Tube ▪ Spin Filter R to Receiver Tube ▪ Centrifuge: max speed, 2 min |
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7. Elution of Spin Filter D and R



- Spin Filter D to an Elution Tube
- Add 100 µl Elution Buffer
- Spin Filter R to an Elution Tube
- Add 30-80 µl RNase-free Water
- Incubation: 1 min @ RT
- 6,000 x g (~8,000 rpm): 1 min

Order No.:	845-KS-2080010	10 reactions
	845-KS-2080050	50 reactions
	845-KS-2080250	250 reactions

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