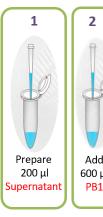
IQ Plus Operation Guide - Extraction Procedure



Add 600 µl PB1

3 Mix For 1 min Add

Mix For 10 secs 600 µl PB₂

Transfer 600 µl supernatant to

the spin column

5 Spin 1 min

> Discard the flowthrough, add 600 μl PB3 to the column

6 Spin 1 min

> Discard the flowthrough, add 600 µl PB4 to the column

*Please refer to PetNAD Nucleic Acid Co-prep Kit User Manual for details.

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IQ Plus Operation Guide - Extraction & Reaction Procedure



Discard the flow-through and spin 3 mins



Discard the flowthrough and transfer the column to a new tube



Add 50-200 μl PB5 and stay 1 min at room temperature



Spin 1 min and get nucleic acid extract



Add 50 µl Premix Buffer into the premix



Transfer 5 µl nucleic acid into the premix



Transfer 50 µl supernatant to the R-tube



19-15

Spin

1 min

Spin 10 secs

> Put R-tube into the POCKIT, select 520 nm. Press "Run" to start

*Please refer to PetNAD Nucleic Acid Co-prep Kit User Manual for details.

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Sampling Instruction		
Sample types	Pretreatment	Input
Tissue	Place 40 mg tissue samples into a clean 1.5 ml microcentrifuge tube with 0.5 ml phosphate buffered saline (PBS). Use a grinder to homogenize tissue samples. Spin the tube for 1 minute.	200 μl supernatant
Swab	Moisten a sterilized cotton swab (cotton diameter ≤ Ø 0.5 mm) with PBS. Use it to smear the surfaces of dorsal fin, collecting the skin mucus of fish. Put the cotton swab into a 1.5 ml centrifuge tube with 1ml PBS. Swirl the swab for 30 seconds. Discard the swab, and Spin the tube for 1 minute.	200 μl supernatant

^{*} Please refer to IQ plus reagent set user manual for details.

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