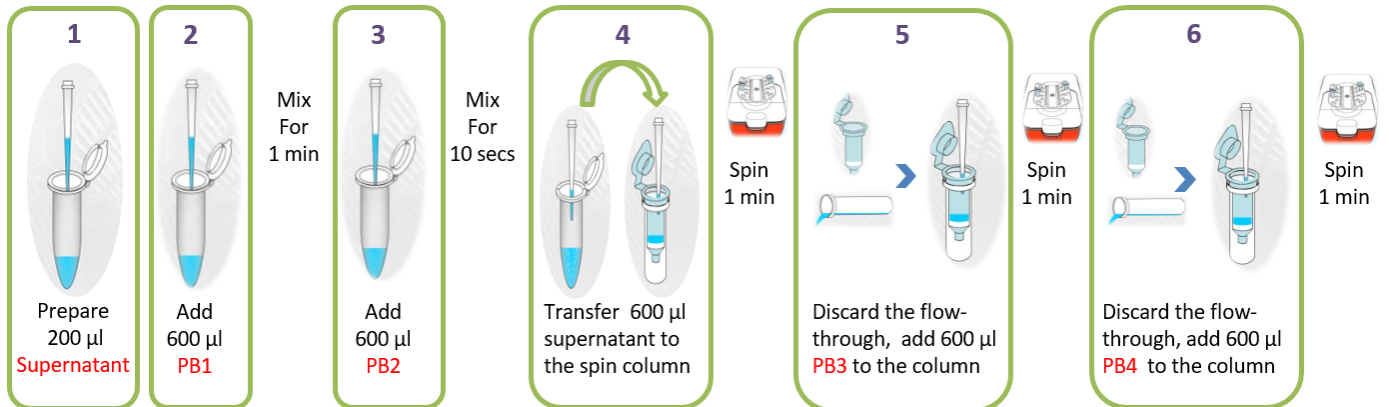


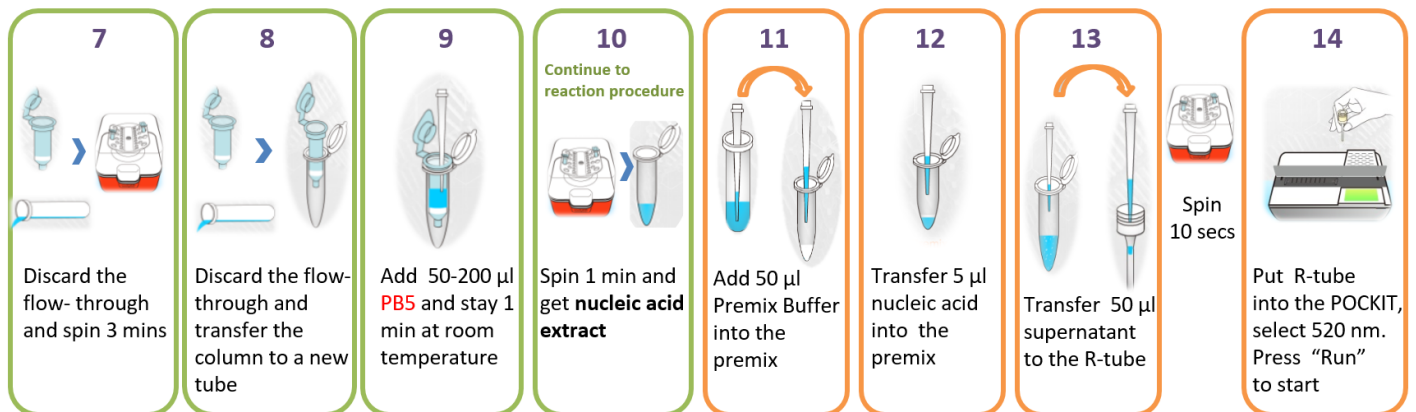
IQ Plus Operation Guide - Extraction Procedure



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

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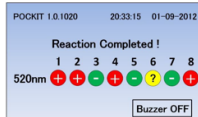
IQ Plus Operation Guide – Extraction & Reaction Procedure



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

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Results ready on the screen.



- + Positive infection
- Negative infection
- ? Recheck with fresh sample

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 μ l supernatant
Swab	Moisten a sterilized cotton swab (cotton diameter \leq ϕ 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 μ l supernatant

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

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