

Water purification solutions for qPCR

Mix and match-designed with flexibility in mind

Many laboratories have the need for multiple types of water. Here are some examples of our systems built for use in labs with diverse interest areas.

Simpson lab

Applications in the lab-protein purification and PCR

Water type(s) needed-Type 1

Solution-Thermo Scientific™ Barnstead™ Smart2Pure™ UV/UF Water Purification System



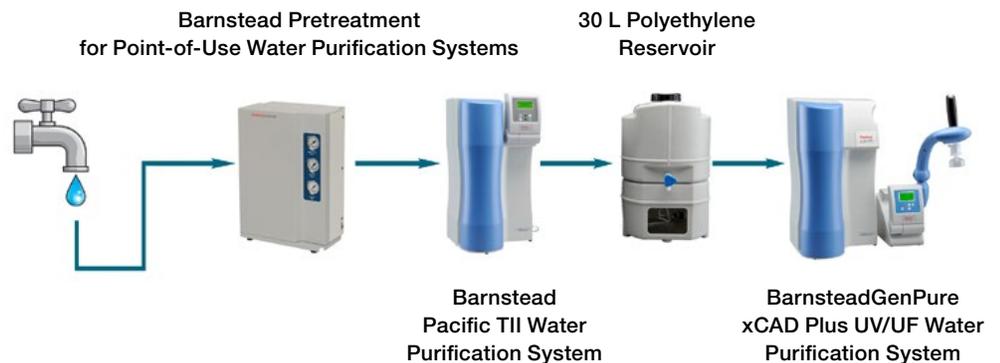
Biochemical techniques such as protein purification and PCR are important for the Simpson lab, but they have serious space constraints. The Barnstead Smart2Pure UV/UF Water Purification System is the all-in-one solution for tap to Type 1 water. It converts tap water to ultrapure water and has a small footprint. The UV/UF option will provide the lab with nuclease-free water, which is perfect for their sensitive applications.

Watson lab

Applications in the lab-cell and tissue culture, PCR, Media prep, and HPLC

Water type(s) needed-Type 1 (low organics, pyrogens, and nucleases) and Type 2 water

Solution-Thermo Scientific™ Barnstead™ Pacific™ TII, 30 L Reservoir, and Thermo Scientific™ Barnstead™ GenPure™ xCAD Plus UV/UF Water Purification System



The Watson lab is a traditional cell and molecular biology lab, so they needed a system that is capable of producing Type 1 water that is free of nucleases, pyrogens, and bacteria. The Barnstead GenPure xCAD Plus UV/UF system is perfect for their ultrapure water needs.

The Barnstead Pacific TII system, which produces water for general lab use, will also serve as feedwater for the Barnstead GenPure xCAD Plus UV/UF Water Purification System. If the customer already has pretreated (service deionized, reverse osmosis or distilled) water, the Barnstead Pacific TII system and pretreatment is not necessary.

Find out more at thermofisher.com/waterquality

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