SeqStudio Cartridge

Introduction
We are committed to designing products with the environment in mind—it’s part of how we enable our customers to make the world healthier, cleaner, and safer. This green fact sheet describes the recycling program for Applied Biosystems™ SeqStudio™ Cartridges and substantiates the claim that this product has a sustainable disposal program. We are providing a way for customers to recycle their used cartridges responsibly.

Product description
The SeqStudio Cartridge is used for capillary electrophoresis on the Applied Biosystems™ SeqStudio™ Genetic Analyzer. The SeqStudio Cartridge includes the capillary array, POP-1™ Polymer, anode buffer, and pump—all in an easy-to-use reagent cartridge to minimize hands-on time. The SeqStudio Cartridge allows users to perform both Sanger sequencing and fragment analysis applications on the same cartridge with real-time consumables tracking via the radio frequency identification (RFID) tag. The on-instrument 4-month shelf life after opening also adds flexibility for the customer to store the cartridge either on the instrument or at 4°C.

Green features
Sustainable disposal
To provide our customers with a way to responsibly recycle their SeqStudio Cartridges, we are partnering with reputable and certified recyclers in the United States and Europe to offer customers a way to recycle their used cartridges. This material can then reenter the manufacturing stream, which helps reduce additional mining of natural resources. Instructions on how to send used SeqStudio Cartridges are provided at thermofisher.com/seqstudiorecycling.
By recycling SeqStudio Cartridges, we estimate that our customers will be able to divert 516 kg of waste from landfill each year. This translates to 1.64 metric tons of CO$_2$, the equivalent of driving 4,070 miles in an average passenger vehicle [1,2]. We support diverting waste from landfill by recovering and reusing our natural resources. This SeqStudio Cartridge recycling program is one small way we are reducing our environmental footprint.

References

To learn more about our global recycling partners and to find out how you can recycle your SeqStudio Cartridges, please go to thermofisher.com/seqstudiorecycling