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Synthesis of selenium-based nanostructures

Items	Justification	Cost
Microtubes – 5ml (VWR)	In order to store the synthesized nanostructures	\$23.23 bag of 100
Rounded bottom flask – 3necks (VWR)	Container	\$86.07
Selenium target (Sigma-Aldrich)	The selenium pellets will serve as a target during the irradiation	\$76.20
Fixed volume pipette – 1ml (Thermo Fischer Scientific)	In order to quantify the volume of the solvent surrounding the target	\$239.00
Advance pH meter (VWR)	The nanostructure is influenced by the pH therefore we need a way to determine the pH of the solution	\$487.58
TEM grids (Ted-Pella)		\$87.92
Total		\$1000.00