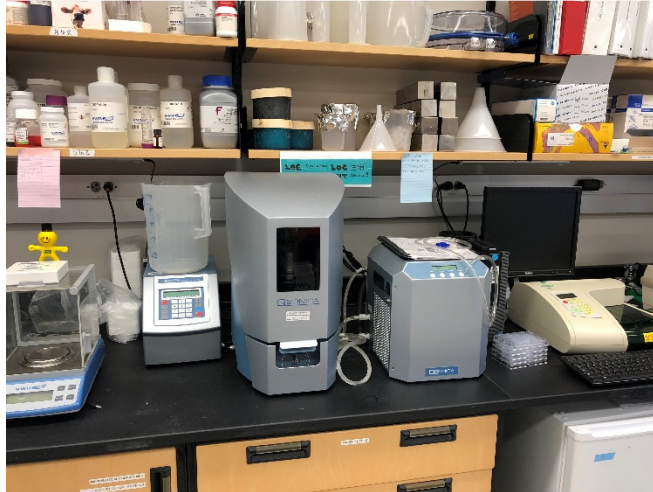


Cell Homogenization for Protein Extraction



Protocol

Sample Type:	<i>Cancer cells</i>
Sample Details:	<i>Variable type but generally cell pellets derived from 10-15 cm² standard tissue culture plates.</i>
Lysis Buffer:	<i>Standard RIPA buffer</i>
Sample Volume:	<i>Variable: 100-200μl</i>
Amplitude Setting:	<i>50%</i>
Sonication Pulse Rate:	<i>10 seconds ON, 10 seconds OFF</i>
Sonication ON Time:	<i>30 seconds</i>
Sample Tubes:	<i>0.5ml VWR</i>

Customer Notes

We generally have used our Q800R3 for rapid homogenization of cells harvested from standard tissue culture. The purpose is to extract proteins for various protein-based assays.

Our Q800R3 has completely revolutionized our laboratory workflow. We previously used a needle-tip sonicator for our cell pellet homogenization and protein extraction which was both time consuming and tedious. Qsonica has cut our sample processing time down significantly.