

Statement of work for the order of:

BEADBLASTER 24R REFRIGERATED

(Item # NC1873483; FISHER SCIENTIFIC COMPANY LLC, 4500 TURNBERRY DRIVE, HANOVER PARK IL 60133-5491)

We are currently performing large scale projects involving opening and homogenization of the range of difficult to homogenize cells for subsequent purifications of cell macromolecules: DNA, RNA, proteins. We need the tissue and cell homogenizer instrument and the entire system to have the following capabilities:

- Fast, efficient homogenization in about 35 seconds
- For all sample types, from soft tissue to bone
- Mix up to 24 tubes simultaneously
- Sealed 2.0ml tubes - eliminates cross contamination
- Centrifugation right after homogenization within the same unit
- Continuous refrigeration through the entire homogenization and centrifugation steps

For these purposes we have identified BEADBLASTER 24R REFRIGERATED (Item # NC1873483; FISHER SCIENTIFIC COMPANY LLC, 4500 TURNBERRY DRIVE, HANOVER PARK IL 60133-5491) as the only satisfactory piece of equipment. Details of essential features and market analysis are described in the attached Sole Source Justification.