

Instructions for the Bruker D-8 XRD

Set up for a Standard GID scan

1. Mount the sample.
2. Place the drives at the following locations:
Theta: 0 X: 0
2 Theta: 0 Y: 0
Chi: 0 Z: 0
Phi: 0
3. Perform a Z scan from -0.9 to 1.9
4. Depending on your sample, it may require spacers be added or removed.
5. Double click on the curve where the intensity is half the original value
6. Perform a rocking curve from -1 to 1
7. double Click on the peak location
8. perform a Z scan from -1 to 1
9. Double click on the curve where the intensity is half the original value
10. Move theta to +5 degrees
11. Select detector scan an input the range of the scan

