Coverslip Vapor Deposition

Prep:

1) Plasma treat coverslips immediately before vapor deposition

Vapor Deposition:

1) Place crumpled kimwipe into bell jar in hood.

2) Place quartz rack of plasma cleaned coverslips into bell jar

3) Put 100ul of (3-aminopropyl)trimethoxysilane onto kimwipe

4) Close bell jar and open vacuum for 2 minutes

5) Close stopcock then close vacuum and allow vapor to coat coverslips for 10 minutes

6) Allow air into bell jar. Coverslips are ready for carbon coating