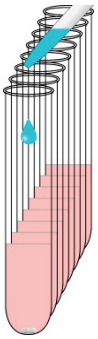
FastWoRX™ General Reaction Work-Up Procedure

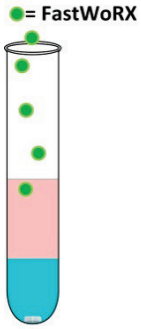
Step 1



Conduct your reaction and quench with about 5 mL of water or brine per gram of organics. Parallel processing and automation is easy with FastWoRX!

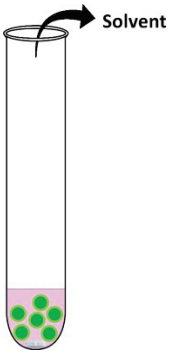
- If your products have appreciable water solubility, a saturated salt solution such as NaCl or NH_4Cl is recommended for quenching.
- If the reaction forms a solid or was done in a water-miscible solvent, a water-immiscible solvent should be added.

Step 2



Add 6 to 10 grams of FastWoRX-S powder per gram of organics to the quenched reaction mixture. Stir *vigorously* for about 1 minute.

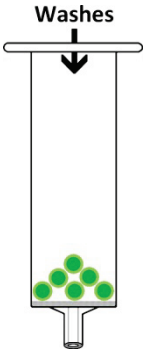
Step 3



Reduce the solvent volume.

Rotavap or sparge to evaporate essentially all the solvent – there should be no organic liquid visible in the mixture.

Steps 4 and 5



Filter the FastWoRX-S powder - wash if needed. Dry the powder.

- If you will be doing flash chromatography later, filter with a dry loading cartridge.
- For many reactions, you can skip washing.
- Use vacuum or an air or inert gas stream to dry the powder.

Step 6

Elute your target compound(s).

The FastWoRX powder can be loaded into any commercial flash chromatography system or you can elute manually with a solvent or heat.

Faster Chemistry LLC
Your Chemistry... Faster

For more information, go to Resources/User Guides at fasterchemistry.com

Work-Ups with a Lot Less Work

V3