

The Science For Diplomats

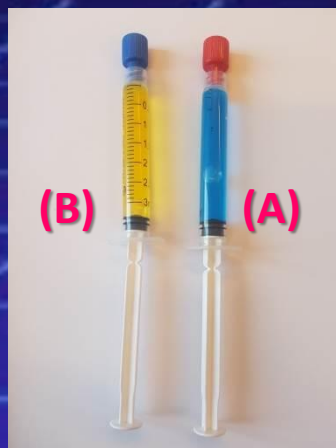
Flow Chemistry System

You are in possession of a DIY flow chemistry kit!

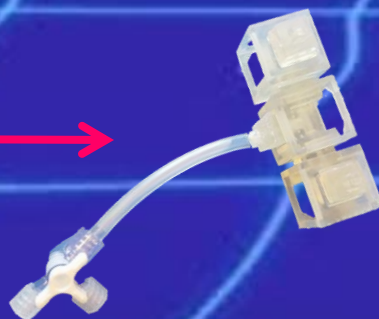
Your kit contains:

- 1 Lego laboratory bench
- 1 flow chemistry assembly (consisting of three fluidic blocks with 5 connectors, tubing and a stopcock)
- 2 syringe to tubing connectors
- 1 syringe (3 ml) containing precursor A (blue)
- 1 syringe (3 ml) containing precursor B (yellow)
- 1 product collection container

Syringes containing
precursors



Flow chemistry
assembly



Product collection
container



Syringe to tubing
connectors

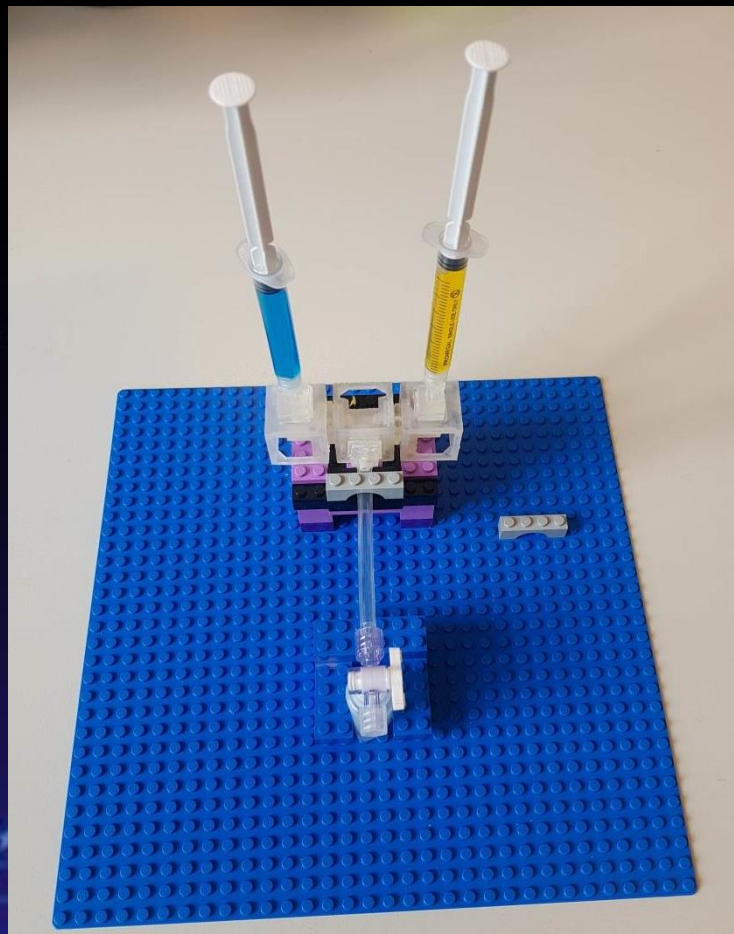


Lego laboratory
bench



Your kit includes all the parts you will need to safely mix component chemicals (precursors) together to produce and collect a new chemical product.

A fully assembled flow chemistry system should look like this:



Your task:

1. **Figure out how to assemble the system**
2. **Mix precursors A and B**
3. **Collect the product (without spilling, leaking or otherwise contaminating your work space!)**

Prizes will awarded for the perfect combination of system assembly, chemical containment, product purity and product yield. Good luck diplochemists!

Assembly instructions?

We keep hearing how easy it is to produce chemicals using DIY approaches, now you can show us how!

... in case you really want instructions... just ask! A cheat sheet is available upon request.