



**University of Dundee**

**Royal Society of Chemistry Forensic Chemistry @Home Kit**

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## Crime Lab @Home Kit list

### Smell pots:

- Opaque shaker tubes
  - In the @Home box, we used these water-resistant shaker tubes from Tinware (<https://tinwaredirect.com/products/cardboard-shaker-tube-with-water-resistant-liner-in-brown-kraft>)
  - If you want to use supplies from the home, any kind of opaque pot that can have a lid that could be smelt through would work. E.g. clean yoghurt pots (the lids can be placed back on, or use tin foil and small holes can be pierced)
- Three different smelling scents. In the @Home box we use:
  - Dried lavender
  - Dried orange peel
  - Dried lemon peel

Feel free to fill these smell pots with other scents, e.g. coffee beans, oregano

### Chromatography experiment

- Chromatography paper cut to 5cm x 9cm. You can also use strips of kitchen roll or coffee filter paper
- Small 250ml glass /beaker
  - In the @Home boxes we use 150ml silicone measuring cups.
- 1 x Berol Handwriting pen (Black)
- 1 x Staedtler Lumocolor Pen Non-Permanent Fine (Black)
- 1 x PaperMate Fair Original Felt Tip Pens (Black)
- 1 x HB Pencil (should be longer than the diameter of your cup/beaker)
- 32mm Foldback Paper Clamp/Binder