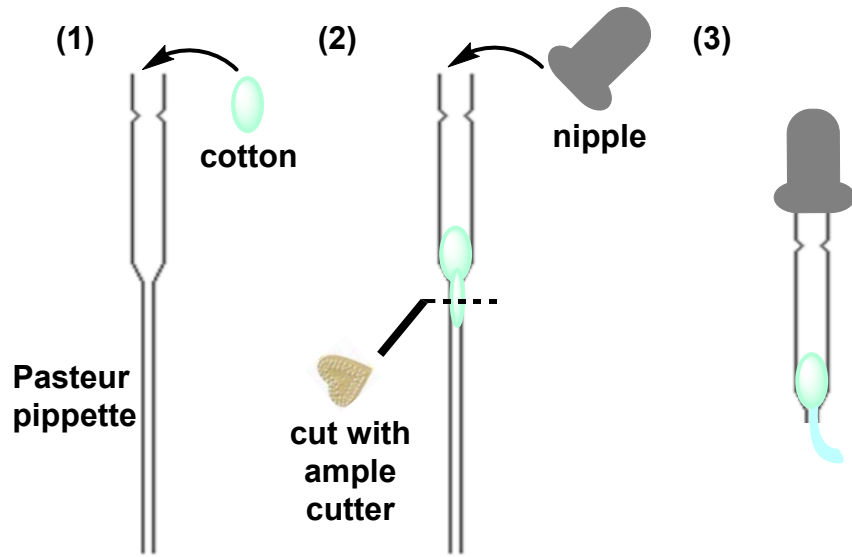
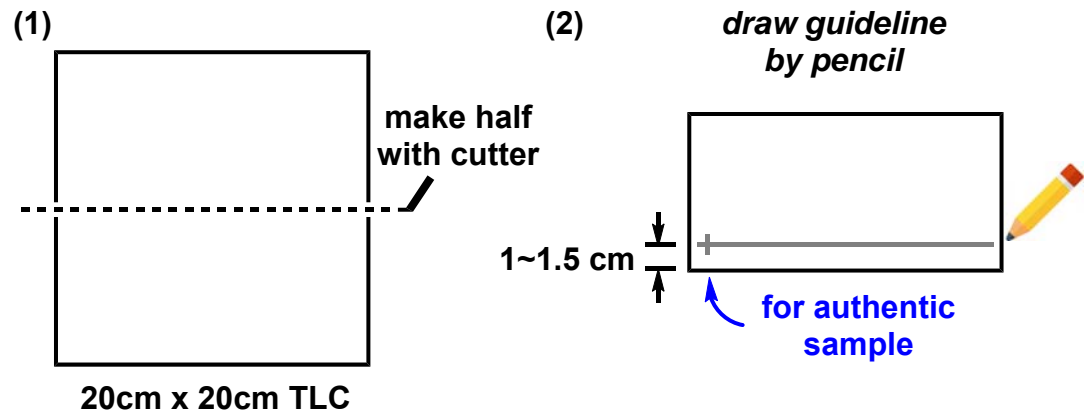


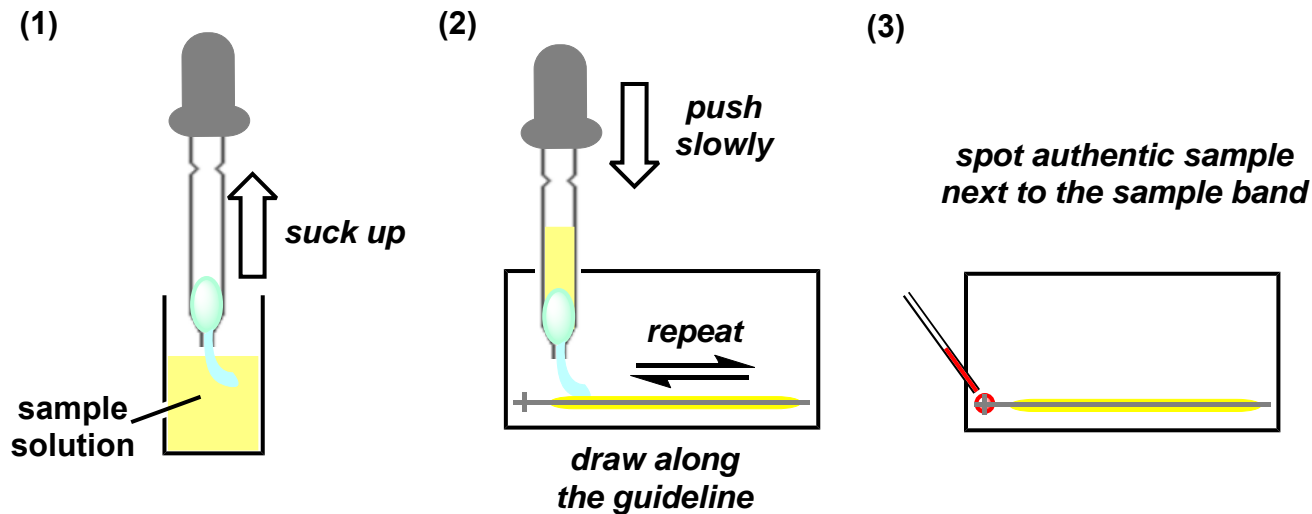
How to make a "loading pen"



How to prepare PTLC

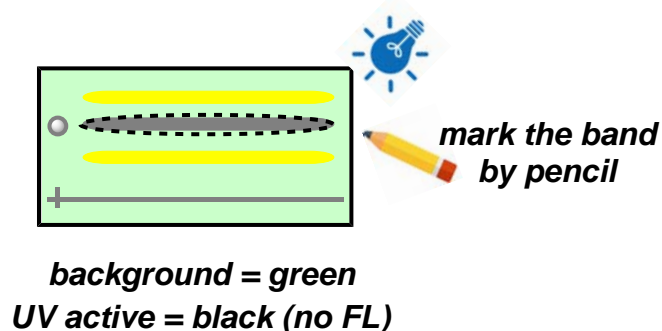


How to load your sample

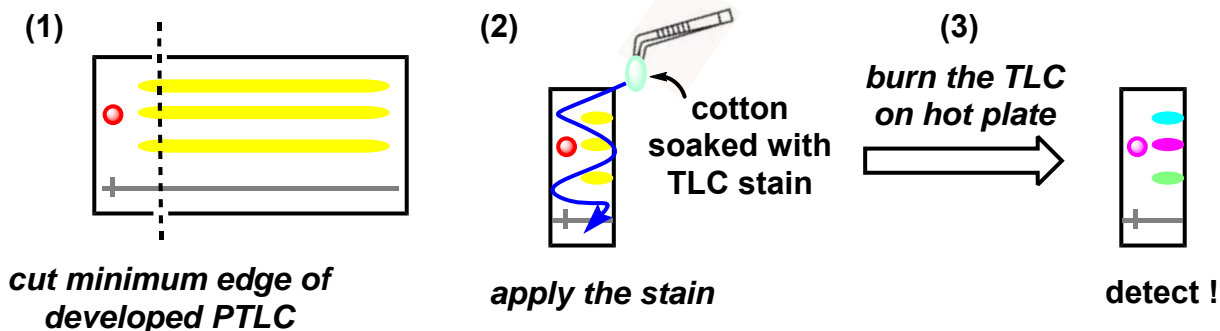


How to detect PTLC band

1st: Check UV (254 nm)



2nd: Check TLC stain (as you like)



Purpose of protocol

PTLC (preparative TLC) is used for purification of sample in tough-separable mixture.

Primary purpose is **getting analytically pure sample**.

Usually you cannot determine precise yield because of inefficient extraction from scraped silica gel.

TIPS

Generally, it takes very long time to develop full-size PTLC. This may cause undesired decomposition.
Half-size PTLC is highly recommended.

If the sample is difficult to be separated, develop twice or more than using big TLC. This is faster way !

Recommended loading amount : 0.5mm thick = < 10 mg; 1.0 mm thick = < 50 mg
(Max. loading amount : 0.5mm thick = 25 mg; 1.0mm thick = 100 mg)