

## Practical 4: Viral diagnostics

### Instructions for use

1. Remove approx. 400ul of clean buffer from the buffer bottle and place in to the cuvette before you begin.
2. Place a piece of leaf, approx. the size of a pound coin, into the extraction buffer bottle containing the remaining extraction buffer and ball bearings.
3. Homogenize the tissue by shaking the bottle for the time given to you in the practical.
4. Transfer approx. 200ul of the green extract into the cuvette that you have already placed 400ul of clean extraction buffer. Mix.
5. Insert the end of the strip marked «sample» into the extract (see pic) and observe formation of coloured bands.



Acknowledgements: Thanks to BIOREBBA ([www.bioreba.ch](http://www.bioreba.ch)) for providing CMV, PepMV and TSWV agristrip kits for this practical. AgriStrip kits are based on lateral low immunochromatography using specific antibodies.