

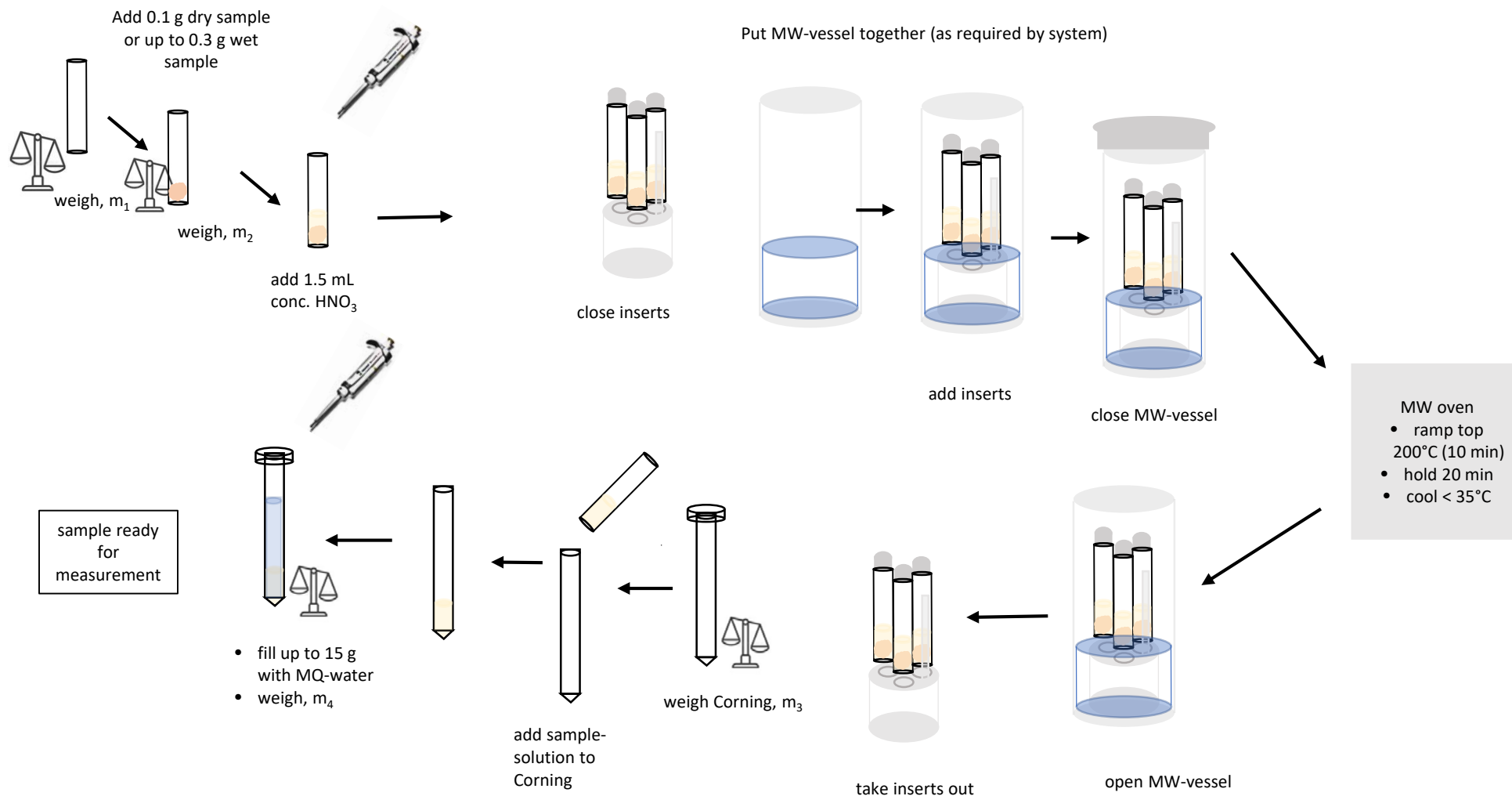
Sample preparation for pressurised microwave (MW) acid digest

Required are:

- Acid cleaned microwave (MW) vessels-insert (24 h in 10 % HNO_3 at room temperature, flush with ultrapure water, dry)
- MW-vessels
- Corning Tubes (or similar) (acid cleaned: 24 h in 10 % HNO_3 at room temperature, flush with ultrapure water, dry)
- Balance (min. 4-digit)
- Spatulas
- Pipette-tips + pipettes
- 69-70 % trace select HNO_3
- Ultrapure water
- Reference materials (e.g. bovine liver, Seronorm serum)
- Samples

Read instruction
(overleaf)
carefully before
starting

Sample preparation for pressurised microwave (MW) acid digest



calibration standards are prepared gravimetrically in 10 % HNO_3 to match the acid concentration in the samples
MW Blanks should also be prepared alongside the samples, CRM or RM materials