

## Protocol for positive control using a Quality control (QC)

### Vial content

A Quality control vial contains non-infectious, lyophilised material: an inactivated virus spiked in a biological matrix (plasma). The vial can be extracted and tested using the usual molecular diagnostic protocol. Each vial is identified by a number.

### Caution

QC vials must be stored at  $-20^{\circ}\text{C}$  in the dark after reception. Stable for at least 6 months under the described conditions.

### Material

- QC vial
- Nuclease-free water

### Rehydration of the vial and test

Write the date on the vial before opening.

- Rehydrate the Quality control (QC) as follows to obtain the stock solution:
  - Add  $400\mu\text{L}$  of nuclease-free water
  - Pipet up and down the volume in the glass vial 10 to 20 times to ensure adequate homogenization
  - Incubate rehydrated QC vial at room temperature for 10 minutes
- Perform extraction and RT-PCR with the usual molecular diagnostic protocol.