**Introduction**

**What is *SMART-Flo*?**

SMART-Flo is an accessible (or open-source), fast, easy to use app that provides real-time quantification of viral load based on simple virus detection strip-test.

SMART-Flo offers a co-diagnostic tool that aids to drive clinical conclusions and make therapeutic decisions.

**Instructions:**

* Make sure the test kit protocol has been thoroughly followed during the test.
* Make sure to only dip the green area as directed by the red arrows.
* Make sure that the strip has been incubated vertically inside the test tube for exactly 5 minutes. (Over incubation can result in false positive result)
* Make sure to have suitable light source to minimize shadow ….
* Put the strip on the table and position your phone so the strip is centered within the frame.
* Keep the phone still and wait for the green tick to appear ensuring that optimal focus is achieved.
* Take the photo and wait for the confirmation tick.

**Result**

**Sample ID:** xxxxxxxxxxxxxxx or QR-code

**Date:** xx/xx/xxxx **Time:** xx:xx

**Test Suitability:**  Passed or Failed

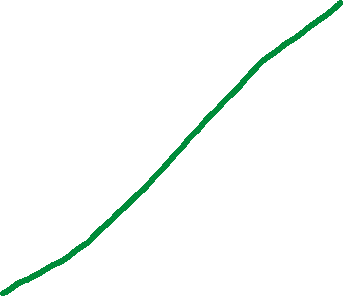
**Presence:** Positive or Negative

**Estimated concentration:** …….. copies/µL

**Viral Load range:**

(which range of viral load [low, medium or high] does the tested sample falls into)

Band Intensity



Viral Load (copies/ µL)

**Recommendations:**

(A Standard clinical recommendation based on the identified range of viral load in the sample)