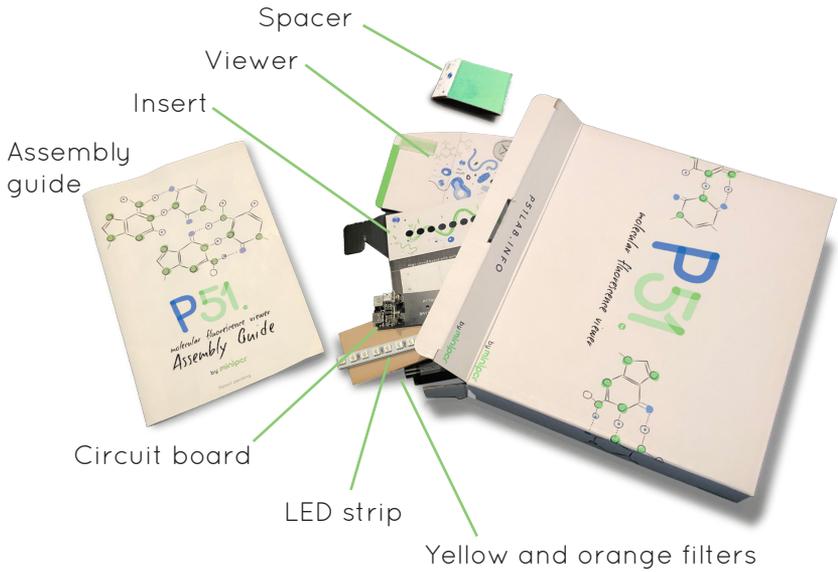


P51TM

molecular fluorescence viewer
Assembly Guide

by **minipcr** bio[®]

Box contents



You will also need (not included):

A 9 V battery

or

A USB-C cable and power supply.



Note:

You do not need a 9 V battery installed if you run your fluorescence viewer from a USB-C power supply.

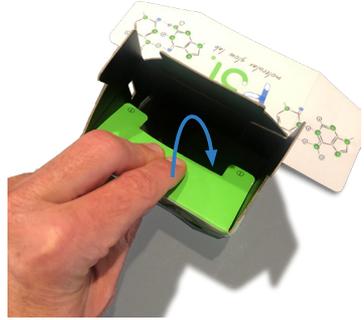
When your fluorescence viewer is plugged into a USB-C power supply, the 9 V battery isn't being drained.

Viewer

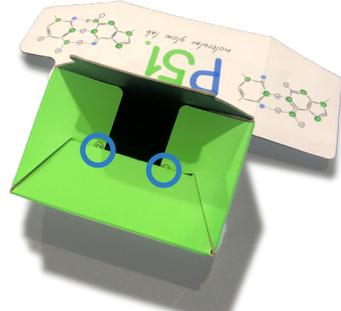
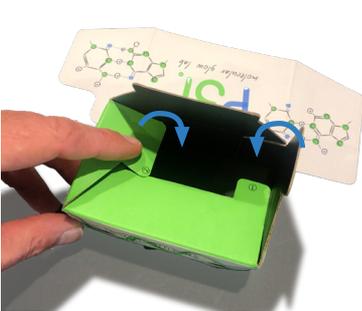
1. Start with the Viewer



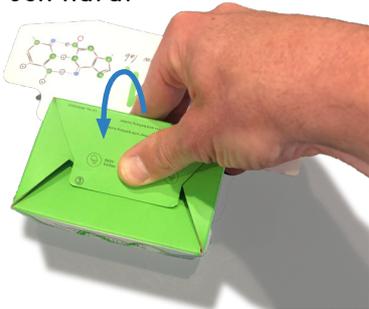
2. Fold flap ① down into the Viewer



3. Fold side flaps ② down and interlock with flap ①

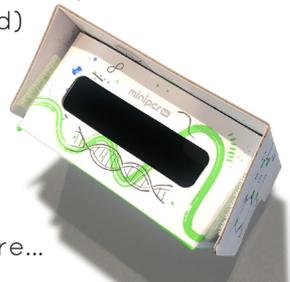


4. Fold flap ③ down. Flap ③ will interlock under flap ①.
Push hard!



This is how the Viewer base should look now

5. Turn over and fold cover flaps 6. Close Viewer (Velcros hold lid closed)



Almost there...

Insert

1. Continue with the Insert



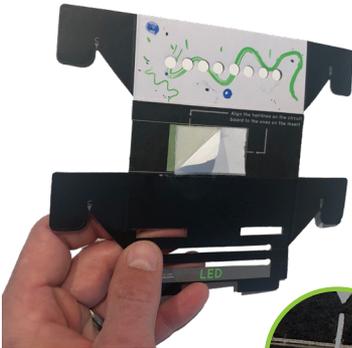
2. Peel the protective liner on the back of the LED strip to expose the adhesive



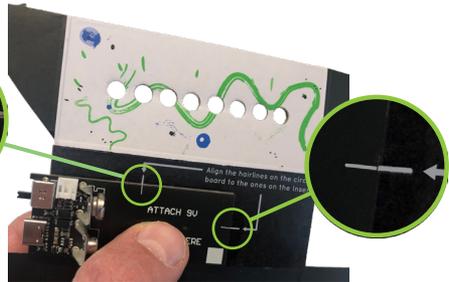
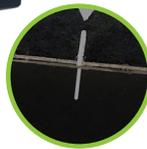
3. Making sure that the LED strip wires are in the correct orientation, stick the LED strip where indicated



4. Place the circuit board



Peel the protective liner from the Velcro. Do not remove the Velcro.

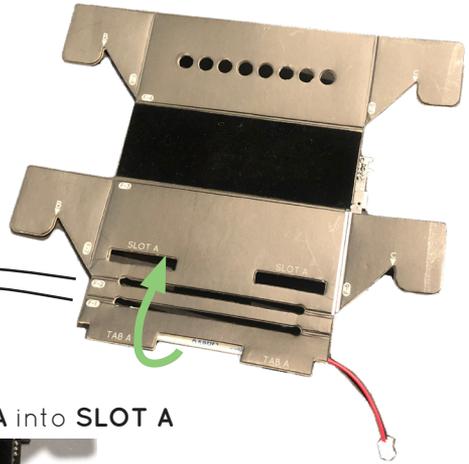


Place the circuit board so that the white lines align at the top and on the side

The USB port and switch will overhang the Insert slightly

Flip the Insert

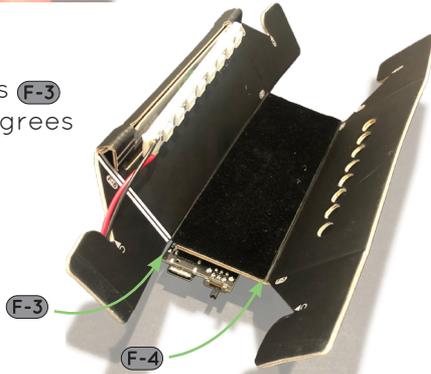
- 3. Fold up at crease **F-2** and **F-1**



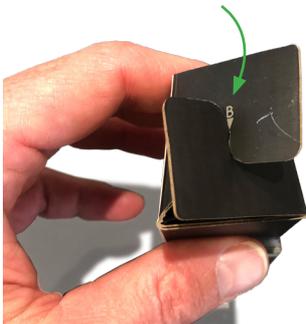
- 4. Make sure to insert **TAB A** into **SLOT A**



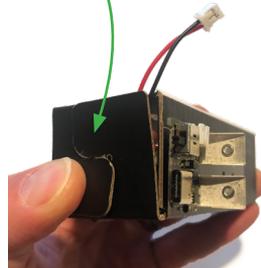
- 5. Fold the Insert across **F-3** and **F-4**, about 90 degrees each



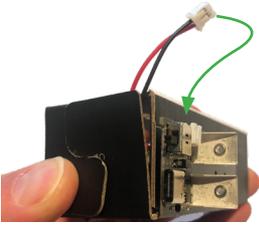
- 6. Fold the side flaps and engage them at point **B**, and interlock



Repeat on the opposite side with point **C**



8. Insert the LED cable into the mating connector on the circuit board

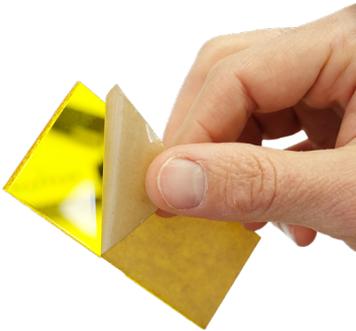


Optional. Snap a 9V battery on the circuit board



Final assembly

1. Peel the protective film from the yellow and orange filters. Filters are interchangeable

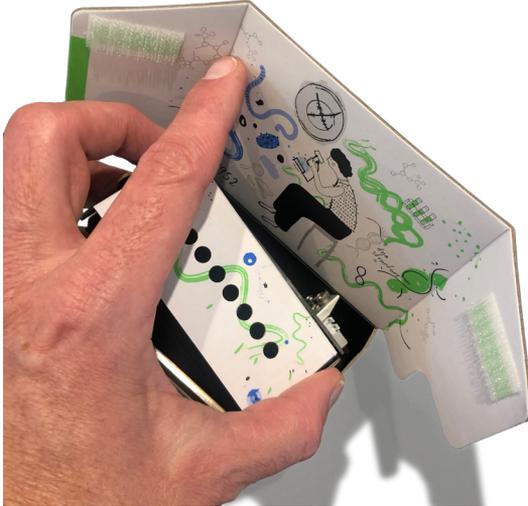


2. Insert the filter against the inside of the window

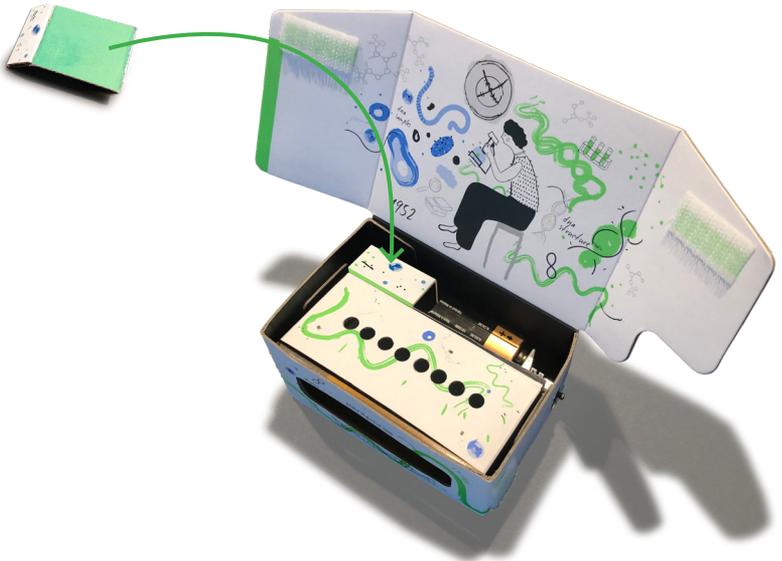


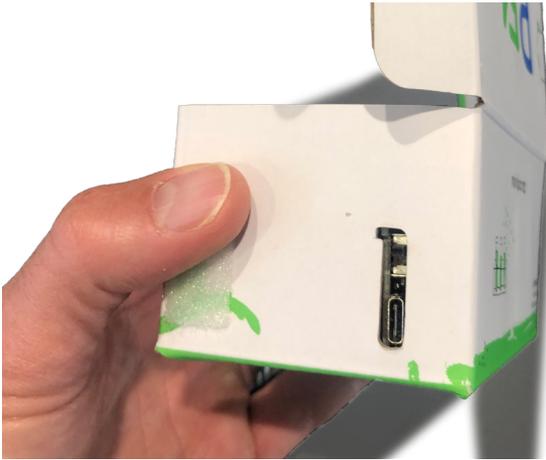
3. Place Insert in the Viewer with its window facing the front opening. The fit is tight, so some pressure is needed.

Tip: Tilt the Insert sideways when inserting so that the USB port and power switch enter the Viewer first

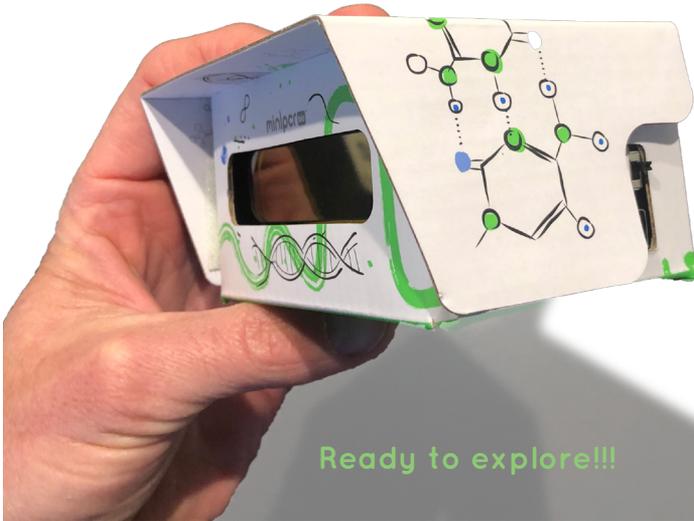


4. Place the spacer behind the Insert to secure it in place





Make sure you can reach the power switch and USB port from the side opening. If you can't, remove the Insert and realign the circuit board.



Ready to explore!!!