

Quick-Start Guide for the BioAssay Works Cube Reader, LFRC-001

The BioAssay Works Cube Reader, LFRC-001, combines one button simplicity, portability, and accuracy into a unique, custom programmed device.

Step 1: Insert the cassette to be read into the bottom of the cassette adapter with the peg on the bottom of the adapter positioned in the sample well of the cassette. Refer to Figure 1.



Figure 1 - Cassette placement beneath the Adapter

Step 2: Align the angled bottom corner of the reader with the angled corner of the cassette adapter and press the reader firmly into the adapter. Refer to Figure 2.



Figure 2 - Cube Reader insertion into Adapter

Step 3: Press the button once to turn the Cube Reader on. The Cube Reader will display "ON". Refer to Figure 3.



Figure 3 – Press button once to turn Cube Reader ON

Step 4: Press the button a second time to enter the RFID search mode. The Cube Reader will display "RFID". Refer to Figure 4.



Figure 4 - Press button twice to enter RFID search mode

Step 5: Place the included Programmed RFID Card over the top of the Cube Reader until the reader beeps. The Cube Reader will display "TEST". The Cube Reader is now ready to perform a reading.

Step 6: Press the button a third time to read the cassette. Refer to Figure 5. The Cube Reader will display "RUN" for about two seconds. The results will be displayed on the Cube Reader in less than 15 seconds. The control line intensity (C-Line) will be displayed first followed by the test line intensity (T-Line).



Figure 5 - Once programmed with the included RFID card, press the button a third time to read the cassette

Step 7: Record the results of the measurement.

Step 8: Remove the cassette that was just read and Repeat Steps 2 through 7 to continue reading cassettes.

Please Note: The Cube Reader may not be turned off manually. The Cube Reader will power down after approximately one minute of inactivity.