PROGNOSIS BIOTECH

CALIBRATION ROD MANUAL

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PHOSREADER 2
CALIBRATION ROD

DOMINIQUE DUTSCHE

1. Intended Use

PhosReader 2 Calibration Rod (PHR2-1030) is a reusable LED-based calibration reference designed to verify that the PhosReader 2 operates within specified performance limits. The device may be used as a positive control by producing a stable LED light signal when activated, or as a negative control to confirm that the baseline (null) RLU value is within acceptable limits. Prognosis Biotech recommends periodic verification of the PhosReader 2 calibration system (monthly or annually), independent of the user's routine operating procedures.

2. Operation description

Enter the "**Calibration mode**" on your device and follow the procedure according to PhosReader instructions.

Device calibration

a) Press "**Calibration Check**".

b) Press "**Run Test**" with empty chamber, to calibrate the device.

Negative Control

a) Press "**Run Test**" with empty chamber.

b) Record the resulting value.

Positive Control

a) Press the "**Turn-On**" button in your **PhosReader 2 Calibration Rod** to initiate the process. The button will emit a green glow to confirm that the device is enabled.

b) Insert the **Calibration Rod** into the Phosreader's swab slot and close the lid.

c) Record the resulting value.

Interpretation of Results

When functioning properly, the screen of Phosreader2 Luminometer will give a result of **0-4 RLU** on a negative control test, or a value in the range of **300-360 RLU** at a positive control test. An RLU value that is not in this range should not be considered normal.

	RLU
Negative	0-4
Positive	300-360

3. Troubleshooting

An RLU value that is not within the range mentioned above may indicate that the built-in calibration system is not working properly.

a) Make sure that the PhosReader 2 Calibration Rod device functions properly with a fresh set of batteries.

b) A physical contamination of the reading chamber or dirty PhosReader 2 Calibration Rod may result in higher or lower RLU values. You may use a lint-free cloth containing ethyl or isopropyl alcohol solution to clean the outside of the Calibration Rod, air dry and repeat testing.

c) If issue is not resolved, contact Prognosis Biotech for technical support.

4. Storage & Shelf Life

- Three (3) year shelf life. Shelf life of the product is initiated when first activated.
- Store in box were received in, or dark place.
- Avoid storage at high temperatures to preserve battery life.
- Do not expose the product to direct sunlight or intense artificial light prior to use.

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