## Luxel®+ Quick Start Guide

The first shipment of Luxel+ contains a packing list, dosimeters, reusable holders, a control dosimeter(s) for each dosimeter type, and a return envelope or label to be used to return the dosimeters to Landauer's laboratory for processing.

Each Luxel+ dosimeter is individually wrapped in cellophane along with a card containing account and worker information. Remove the dosimeter

from the cellophane, snap the dosimeter into the holder for use, and discard the cellophane.

Use the dosimeter(s) beginning on the wear date or as close to that date as possible.



At the end of the wear period, snap the used dosimeter out of the holder and replace it with the dosimeter for the new wear period. Return the used dosimeter along with the control dosimeter of the same type and wear date to Landauer to process for exposure. When returning dosimeters that shipped separately from the regular shipment for the wear date, include any control dosimeters that accompanied those shipments. Do not return used dosimeters in cellophane packaging. Landauer receives and reports all dosimeters returned in their original cellophane wrapper as unused (excluding control dosimeters).



An icon on the face of the dosimeter identifies the correct placement of the dosimeter, and a written description is on the back of the dosimeter. Personnel dosimeters should be attached to clothing with the placement icon facing away from the body. Wear whole body dosimeters on the torso, between the collar bone and the waist, at the location most likely to be exposed to the greatest amount of radiation.

Wear badges during working hours to record occupational exposures. Do not wear badges during non-working hours while undergoing diagnostic or medical procedures where exposures would not be part of your occupational exposure history.

Store dosimeters away from radiation when not in use along with the control dosimeter of the same type and wear date (do not store dosimeters near a radioactive source or in a x-ray room).

## **Control Dosimeters**

A separate dosimeter known as a control dosimeter is included with each shipment to monitor radiation received in transit or storage. The control dosimeter(s) assigned to a shipment should accompany that shipment in transit both from and to Landauer. Do not use the control dosimeter for any other purpose.

Store control dosimeters away from radiation when not in use (do not store dosimeters near a radioactive source or in a x-ray room).



## Contaminated Dosimeters

Do not return to Landauer any dosimeter suspected to be radioactively or otherwise contaminated. Your Radiation Safety Officer should supply Landauer with an estimated dose for the individual whose dosimeter was contaminated.

## **Additional Information**

Further detailed product and service information can be found in our Service Guide available online at our web site www.landauerinc.com. To locate a copy of our Service Guide in our product catalog, type "Guide" in the catalog search function.