

LANDAUER®

It's about more than just compliance.

Gain peace of mind by
choosing the industry leader
in veterinary dosimetry.



If you're looking for a simple, reliable veterinary radiation badge service for your practice, you've come to the right place.

Exposure to ionizing radiation creates potential health risks for radiation workers at vet clinics. Whether your techs are restraining an uncooperative dog who ate something they shouldn't have, or they're holding a bucky behind the fetlock of a horse during a PPE, their health and safety should always be a priority.

By choosing LANDAUER Luxel+ veterinary radiation badges, you'll know exactly how much dose has been received, so you can ensure their exposure levels remain below ALARA limits.

Why Conscientious Managers Choose Luxel+ for Their Veterinary Dosimeters



Easy To Manage

You don't need to be an expert in radiation safety to use our secure online portal! Management of your locations, participants, badges, and billing is simple, and our responsive customer service team is on standby to assist.



Reliable

Like clockwork, your new dosimeters arrive by the required date and your reports are loaded into your portal – no extra steps needed! We even include a handy shipping label to make returns easy.



No Missed Doses

Luxel+ is much more sensitive than typical radiation badges, meaning every dose will be accounted for, every time. With measurements down to 1 mrem, there's no more "estimating" your employees' actual exposure.



Built To Last

We know mistakes happen. That's why we engineered Luxel+ to be able to withstand being put through the laundry or left in a hot car. And our unique Dynamic Reporting allows us to determine if exposure occurred while the badge was being worn – or left in someone's locker over the weekend.



Peace Of Mind

Unlike most other badges on the market, if questions ever arise about exposure or your reports, Luxel+ badges are able to be reread. All data is stored for 75 years, with high dose badges retained forever, and all others for two years.



LANDAUER Reputation

LANDAUER is known worldwide as the leading supplier of dosimeters and dosimetry services. After 68 years in the industry, with nearly 2 million people wearing our badges, you can trust us to understand your needs and compliance requirements

How Does Our Veterinary Dosimetry Program Work?



Place your order

Place your order and provide your badging information. We'll need your participant information and shipping locations.



We create your myLDR portal

We create your secure myLDR online portal, set up your locations, participants, and badges, and ship your badges by your requested start date.



You wear your badges

You wear your badges for the required period. We provide monthly, quarterly, semi-annual, or annual options.



We ship your new badges

Your new badges will be shipped automatically two weeks before your wear period ends. No need to request them!



You return your worn badges

At the end of your wear period, gather up the worn badges and return them to us. We even include a handy return label.

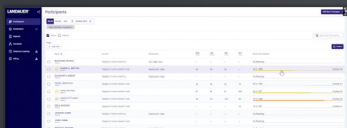


We will generate your reports

Within 10 days, we read your badges and upload your reports into myLDR. You'll get an email alerting you that your reports are ready.

Managing Radiation Safety is Easy with myLDR

- Easily access participant dose data
- Retrieve your reports simply and easily
- Add, edit and deactivate participants



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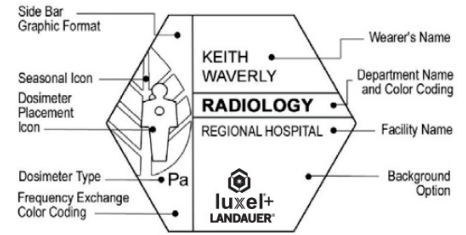


Customize Your Dosimeters for Ease of Use

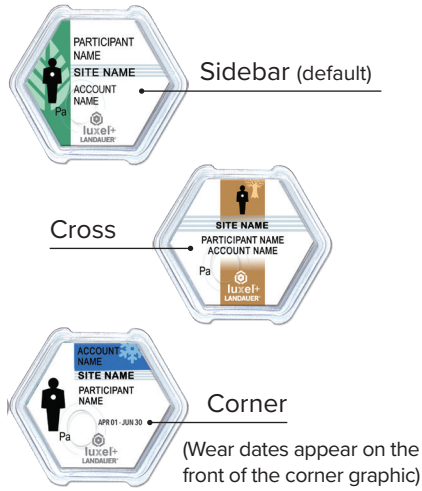
Each badge features the name of your practice, the employee's name, and a dosimeter placement icon so the user knows where it's worn. The account and participant numbers, wear date, dosimeter use location, serial number, and the dosimeter and component bar codes, all ensuring chain of custody, are on the back.

There are many custom options you can choose from, including the layout, background designs, and color coding to denote exchange frequency.

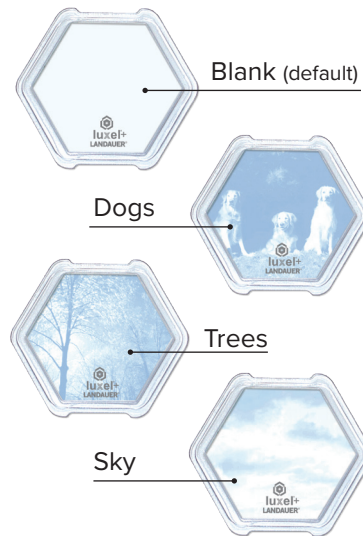
Basic Luxel[®]+ Design



Layout Options



Background Options



Color Coding by Exchange Frequency



Luxel[®]+ Technical Specifications

Radiations Measured	Photon (X and Gamma Ray)	Beta Particle	Neutron
Detector	Al ₂ O ₃ :C (Aluminum Oxide)	Al ₂ O ₃ :C (Aluminum Oxide)	Optional Neutrak [®] 144 detector inside dosimeter (CR-39)
Analysis Method	Optically Stimulated Luminescence (OSL)	Optically Stimulated Luminescence (OSL)	Chemical etching followed by track counting
Energies Detected	5 keV to in excess of 40 MeV	150 keV to in excess of 10 MeV	Fast: 40 keV to in excess of 35 MeV Thermal: under 0.5 eV
Dose Measurement Range	1 mrem to 1000 rem	10 mrem to 1000 rem	Fast: 20 mrem to 25 rem Thermal: 10 mrem to 5 rem
U.S. Accreditation	Accredited by NVLAP [®] (LAB CODE 100518-0) in subcategory general and in all categories including V1 when neutron component is added		
International Accreditation	Internationally accredited in many countries such as Canada, UK, Russia, Australia and many more		



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