

APex™ Dosimeter

Optically-Stimulated
Luminescence of Beryllium
Oxide (OSL of BeO) Dosimeter



Features

- Slim, lightweight—making it easy to wear.
- Large, easy-to-read label with color-coded monitoring periods.
- Barcoded for easy user identification and tracking.
- Rotational clip for added flexibility and comfort.
- Whole-body and area monitoring configurations.

High Accuracy

- Improved resistance to environmental influences and fading for accurate dose readings—even when exposed to high temperatures or moisture.
- Re-readability to verify dose.



Recyclable Materials

- Reusable clip and strap.
- While protecting the dosimeter's internal components, the plastic blister pack is made from 99% recyclable materials—also helping to reduce the world's carbon footprint.

Increased Protection

Protective blister pack improves durability.

WARNING: Do not open blister pack under any circumstances.

Broad dose response capability makes the APex dosimeter ideally-suited for a wide range of applications and environments.

Specifications

Description: 2 element beryllium oxide (BeO)

Badge Type: 30 = Beryllium oxide

Holder Type: BP = Blister pack

Accreditations/Approvals/Licenses: NVLAP (Code: 100555-0) and HSE

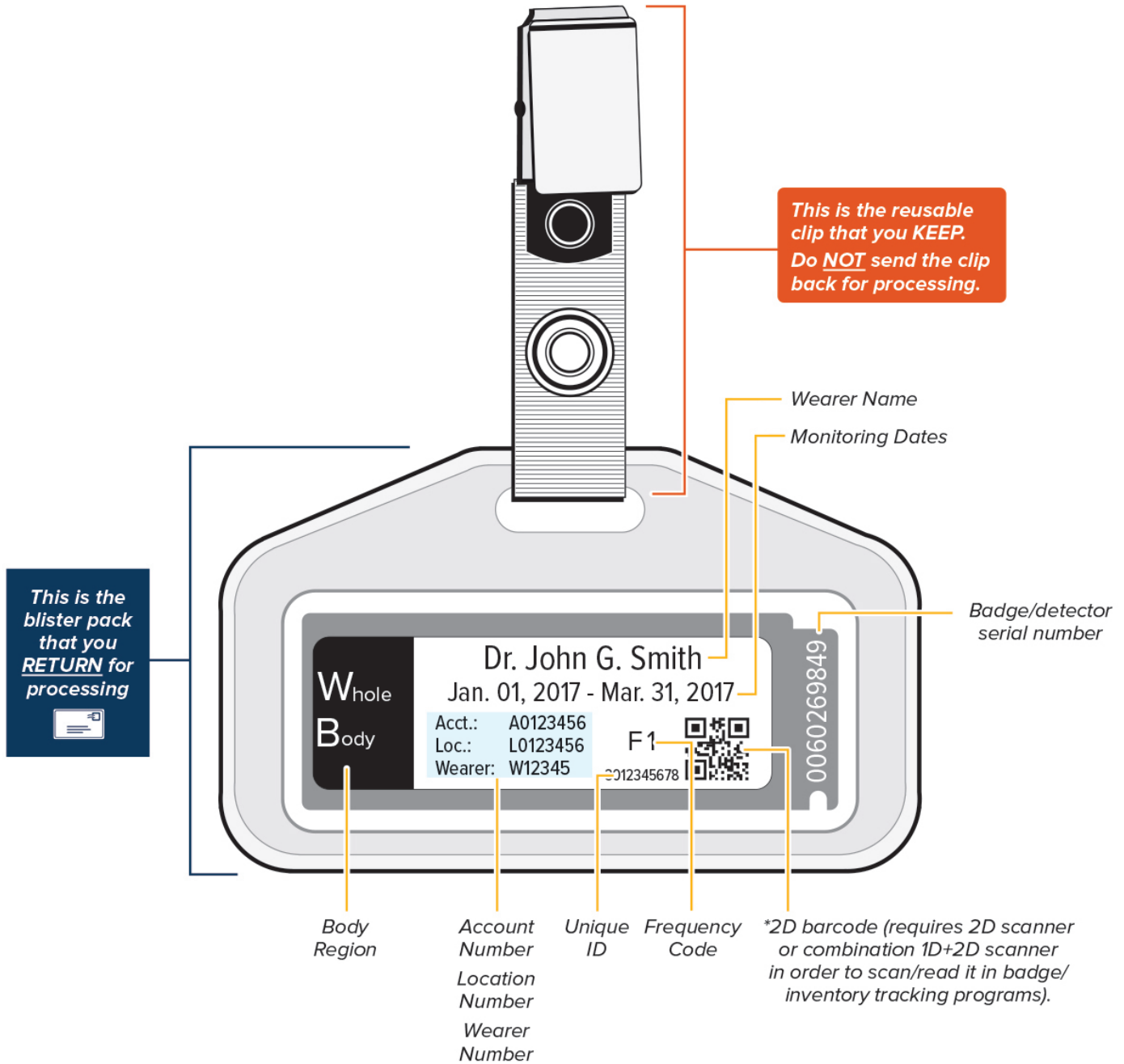
HSE Minimum Reportable Dose: 10 mrem (0.10 mSv)

Useful Dose Range: 10 mrem - 1000 rem
(0.10 mSv - 10 Sv)

Energy Response:

- Photon 12 keV - 7 MeV
- Beta 0.565 MeV - 5 MeV

Two-Part Blister Pack Design



APex dosimeters must be mailed back to Mirion Dosimetry Service's accredited lab for processing at the end of every wear period where the captured dose can be extracted, analyzed, calculated, and electronically stored in each wearer's legal dose-of-record.